

$$2, 1, [1]$$

$$3, 2, [2]$$

$$4, 2, \begin{bmatrix} 1 & 1 \\ 1 & -1 \end{bmatrix}$$

$$5, 3, [3]$$

$$6, 5, \begin{bmatrix} 1 & 2 \\ 2 & -1 \end{bmatrix}$$

$$7, 4, [4]$$

$$8, 6, \begin{bmatrix} 1 & 1 & 1 \\ 1 & 0 & -1 \\ 1 & -2 & 1 \end{bmatrix}$$

$$9, 4, \begin{bmatrix} 2 & 2 \\ 1 & -1 \end{bmatrix}$$

$$10, 10, \begin{bmatrix} 1 & 3 \\ 3 & -1 \end{bmatrix}$$

$$11, 5, [5]$$

$$12, 6, \begin{bmatrix} 1 & 1 & 2 \\ 1 & -1 & 0 \\ 1 & 1 & -1 \end{bmatrix}$$

$$13, 6, [6]$$

$$14, 17, \begin{bmatrix} 1 & 4 \\ 4 & -1 \end{bmatrix}$$

$$15, 13, \begin{bmatrix} 2 & 3 \\ 3 & -2 \end{bmatrix}$$

$$16, 8, \begin{bmatrix} 1 & 1 & 1 & 1 \\ 1 & 0 & 0 & -1 \\ 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 \end{bmatrix}$$

$$17, 7, [7]$$

$$18, 18, \begin{bmatrix} 1 & 2 & 2 \\ 0 & 1 & -1 \\ 4 & -1 & -1 \end{bmatrix}$$

$$19, 8, [8]$$

$$20, 22, \begin{bmatrix} 1 & 1 & 3 \\ 1 & -1 & 0 \\ 3 & 3 & -2 \end{bmatrix}$$

$$21, 10, \begin{bmatrix} 2 & 4 \\ 2 & -1 \end{bmatrix}$$

$$22, 26, \begin{bmatrix} 1 & 5 \\ 5 & -1 \end{bmatrix}$$

$$23, 9, [9]$$

$$24, 42, \begin{bmatrix} 1 & 1 & 1 & 2 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 2 & 2 & 2 & -3 \end{bmatrix}$$

$$25, 6, \begin{bmatrix} 3 & 3 \\ 1 & -1 \end{bmatrix}$$

$$26, 37, \begin{bmatrix} 1 & 6 \\ 6 & -1 \end{bmatrix}$$

$$27, 12, \begin{bmatrix} 2 & 2 & 2 \\ 1 & 0 & -1 \\ 1 & -2 & 1 \end{bmatrix}$$

$$28, 18, \begin{bmatrix} 1 & 1 & 4 \\ 1 & -1 & 0 \\ 2 & 2 & -1 \end{bmatrix}$$

$$29, 10, [10]$$

$$30, 42, \begin{bmatrix} 1 & 2 & 3 \\ 1 & -2 & 1 \\ 4 & 1 & -2 \end{bmatrix}$$

31, 11, [11]

$$32, 40, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 \\ 1 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & -1 & 0 \\ 1 & -1 & 0 & -1 & 1 \\ 1 & 1 & -4 & 1 & 1 \end{bmatrix}$$

$$33, 29, \begin{bmatrix} 2 & 5 \\ 5 & -2 \end{bmatrix}$$

$$34, 50, \begin{bmatrix} 1 & 7 \\ 7 & -1 \end{bmatrix}$$

$$35, 25, \begin{bmatrix} 3 & 4 \\ 4 & -3 \end{bmatrix}$$

$$36, 20, \begin{bmatrix} 1 & 1 & 2 & 2 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 2 & 2 & -1 & -1 \end{bmatrix}$$

37, 12, [12]

$$38, 65, \begin{bmatrix} 1 & 8 \\ 8 & -1 \end{bmatrix}$$

$$39, 20, \begin{bmatrix} 2 & 6 \\ 3 & -1 \end{bmatrix}$$

$$40, 24, \begin{bmatrix} 1 & 1 & 1 & 3 \\ 1 & 0 & -1 & 0 \\ 1 & 1 & 1 & -1 \\ 1 & -2 & 1 & 0 \end{bmatrix}$$

41, 13, [13]

$$42, 42, \begin{bmatrix} 1 & 2 & 4 \\ 2 & -3 & 1 \\ 2 & 1 & -1 \end{bmatrix}$$

43, 14, [14]

$$44, 54, \begin{bmatrix} 1 & 1 & 5 \\ 1 & -1 & 0 \\ 5 & 5 & -2 \end{bmatrix}$$

$$45, 34, \begin{bmatrix} 2 & 2 & 3 \\ 1 & -1 & 0 \\ 3 & 3 & -4 \end{bmatrix}$$

$$46, 82, \begin{bmatrix} 1 & 9 \\ 9 & -1 \end{bmatrix}$$

47, 15, [15]

$$48, 32, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & -2 \end{bmatrix}$$

$$49, 8, \begin{bmatrix} 4 & 4 \\ 1 & -1 \end{bmatrix}$$

$$50, 38, \begin{bmatrix} 1 & 3 & 3 \\ 0 & 1 & -1 \\ 6 & -1 & -1 \end{bmatrix}$$

$$51, 53, \begin{bmatrix} 2 & 7 \\ 7 & -2 \end{bmatrix}$$

$$52, 38, \begin{bmatrix} 1 & 1 & 6 \\ 1 & -1 & 0 \\ 3 & 3 & -1 \end{bmatrix}$$

53, 16, [16]

$$54, 78, \begin{bmatrix} 1 & 2 & 2 & 2 \\ 0 & 1 & 0 & -1 \\ 0 & 1 & -2 & 1 \\ 6 & -1 & -1 & -1 \end{bmatrix}$$

$$55, 34, \begin{bmatrix} 3 & 5 \\ 5 & -3 \end{bmatrix}$$

$$56, 114, \begin{bmatrix} 1 & 1 & 1 & 4 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 4 & 4 & 4 & -3 \end{bmatrix}$$

$$57, 34, \begin{bmatrix} 2 & 8 \\ 4 & -1 \end{bmatrix}$$

$$58, 101, \begin{bmatrix} 1 & 10 \\ 10 & -1 \end{bmatrix}$$

$$59, 17, [17]$$

$$60, 30, \begin{bmatrix} 1 & 1 & 2 & 3 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 1 & 1 & 2 & -2 \end{bmatrix}$$

$$61, 18, [18]$$

$$62, 122, \begin{bmatrix} 1 & 11 \\ 11 & -1 \end{bmatrix}$$

$$63, 12, \begin{bmatrix} 2 & 2 & 4 \\ 1 & -1 & 0 \\ 1 & 1 & -1 \end{bmatrix}$$

$$64, 48, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 0 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 1 & 0 & -1 & -1 & 0 & 1 \\ 1 & -2 & 1 & 1 & -2 & 1 \end{bmatrix}$$

$$65, 15, \begin{bmatrix} 3 & 6 \\ 2 & -1 \end{bmatrix}$$

$$66, 30, \begin{bmatrix} 1 & 2 & 5 \\ 2 & -1 & 0 \\ 1 & 2 & -1 \end{bmatrix}$$

$$67, 19, [19]$$

$$68, 102, \begin{bmatrix} 1 & 1 & 7 \\ 1 & -1 & 0 \\ 7 & 7 & -2 \end{bmatrix}$$

$$69, 85, \begin{bmatrix} 2 & 9 \\ 9 & -2 \end{bmatrix}$$

$$70, 78, \begin{bmatrix} 1 & 3 & 4 \\ 1 & 1 & -1 \\ 7 & -5 & 2 \end{bmatrix}$$

$$71, 20, [20]$$

$$72, 132, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 4 & 4 & 4 & -3 & -3 \end{bmatrix}$$

$$73, 21, [21]$$

$$74, 145, \begin{bmatrix} 1 & 12 \\ 12 & -1 \end{bmatrix}$$

$$75, 22, \begin{bmatrix} 2 & 3 & 3 \\ 0 & 1 & -1 \\ 3 & -1 & -1 \end{bmatrix}$$

$$76, 66, \begin{bmatrix} 1 & 1 & 8 \\ 1 & -1 & 0 \\ 4 & 4 & -1 \end{bmatrix}$$

$$77, 41, \begin{bmatrix} 4 & 5 \\ 5 & -4 \end{bmatrix}$$

$$78, 205, \begin{bmatrix} 1 & 2 & 6 \\ 2 & -1 & 0 \\ 6 & 12 & -5 \end{bmatrix}$$

79, 22, [22]

$$80, 104, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 3 & 3 & 3 & 3 & -4 \end{bmatrix}$$

$$81, 16, \begin{bmatrix} 2 & 2 & 2 & 2 \\ 1 & 0 & 0 & -1 \\ 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 \end{bmatrix}$$

$$82, 170, \begin{bmatrix} 1 & 13 \\ 13 & -1 \end{bmatrix}$$

83, 23, [23]

$$84, 66, \begin{bmatrix} 1 & 1 & 2 & 4 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 2 & 2 & 4 & -3 \end{bmatrix}$$

$$85, 58, \begin{bmatrix} 3 & 7 \\ 7 & -3 \end{bmatrix}$$

$$86, 197, \begin{bmatrix} 1 & 14 \\ 14 & -1 \end{bmatrix}$$

$$87, 52, \begin{bmatrix} 2 & 10 \\ 5 & -1 \end{bmatrix}$$

$$88, 168, \begin{bmatrix} 1 & 1 & 1 & 5 \\ 1 & 0 & -1 & 0 \\ 1 & 3 & 1 & -1 \\ 4 & -3 & 4 & -1 \end{bmatrix}$$

89, 24, [24]

$$90, 54, \begin{bmatrix} 1 & 2 & 2 & 3 \\ 1 & 1 & 0 & -1 \\ 2 & -2 & 1 & 0 \\ 1 & 0 & -2 & 1 \end{bmatrix}$$

$$91, 26, \begin{bmatrix} 4 & 6 \\ 3 & -2 \end{bmatrix}$$

$$92, 166, \begin{bmatrix} 1 & 1 & 9 \\ 1 & -1 & 0 \\ 9 & 9 & -2 \end{bmatrix}$$

$$93, 125, \begin{bmatrix} 2 & 11 \\ 11 & -2 \end{bmatrix}$$

$$94, 226, \begin{bmatrix} 1 & 15 \\ 15 & -1 \end{bmatrix}$$

$$95, 73, \begin{bmatrix} 3 & 8 \\ 8 & -3 \end{bmatrix}$$

$$96, 108, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 \\ 0 & 1 & -2 & 1 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 \end{bmatrix}$$

$$97, 25, [25]$$

$$98, 66, \begin{bmatrix} 1 & 4 & 4 \\ 0 & 1 & -1 \\ 8 & -1 & -1 \end{bmatrix}$$

$$99, 66, \begin{bmatrix} 2 & 2 & 5 \\ 1 & -1 & 0 \\ 5 & 5 & -4 \end{bmatrix}$$

$$100, 40, \begin{bmatrix} 1 & 1 & 3 & 3 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 3 & 3 & -1 & -1 \end{bmatrix}$$

101, 26, [26]

$$102, 162, \begin{bmatrix} 1 & 2 & 7 \\ 5 & 1 & -1 \\ 1 & -4 & 1 \end{bmatrix}$$

103, 27, [27]

$$104, 78, \begin{bmatrix} 1 & 1 & 1 & 6 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 2 & 2 & 2 & -1 \end{bmatrix}$$

$$105, 145, \begin{bmatrix} 2 & 3 & 4 \\ 2 & 0 & -1 \\ 3 & -10 & 6 \end{bmatrix}$$

$$106, 257, \begin{bmatrix} 1 & 16 \\ 16 & -1 \end{bmatrix}$$

107, 28, [28]

$$108, 84, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 \\ 1 & 1 & 0 & -1 & 0 \\ 2 & 2 & -3 & 4 & -3 \end{bmatrix}$$

109, 29, [29]

$$110, 70, \begin{bmatrix} 1 & 3 & 5 \\ 3 & -1 & 0 \\ 1 & 3 & -2 \end{bmatrix}$$

$$111, 74, \begin{bmatrix} 2 & 12 \\ 6 & -1 \end{bmatrix}$$

$$112, 40, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & -1 \end{bmatrix}$$

113, 30, [30]

$$114, 345, \begin{bmatrix} 1 & 2 & 8 \\ 2 & -1 & 0 \\ 8 & 16 & -5 \end{bmatrix}$$

$$115, 30, \begin{bmatrix} 3 & 9 \\ 3 & -1 \end{bmatrix}$$

$$116, 102, \begin{bmatrix} 1 & 1 & 10 \\ 1 & -1 & 0 \\ 5 & 5 & -1 \end{bmatrix}$$

$$117, 44, \begin{bmatrix} 2 & 2 & 6 \\ 1 & -1 & 0 \\ 3 & 3 & -2 \end{bmatrix}$$

$$118, 290, \begin{bmatrix} 1 & 17 \\ 17 & -1 \end{bmatrix}$$

$$119, 65, \begin{bmatrix} 4 & 7 \\ 7 & -4 \end{bmatrix}$$

$$120, 128, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 \\ 1 & -3 & 1 & 2 & -1 \\ 1 & -1 & 1 & -2 & 1 \end{bmatrix}$$

$$121, 10, \begin{bmatrix} 5 & 5 \\ 1 & -1 \end{bmatrix}$$

$$122, 325, \begin{bmatrix} 1 & 18 \\ 18 & -1 \end{bmatrix}$$

$$123, 173, \begin{bmatrix} 2 & 13 \\ 13 & -2 \end{bmatrix}$$

$$124, 246, \begin{bmatrix} 1 & 1 & 11 \\ 1 & -1 & 0 \\ 11 & 11 & -2 \end{bmatrix}$$

$$125, 18, \begin{bmatrix} 3 & 3 & 3 \\ 1 & 0 & -1 \\ 1 & -2 & 1 \end{bmatrix}$$

$$126, 125, \begin{bmatrix} 1 & 2 & 2 & 4 \\ 2 & 0 & -1 & 0 \\ 0 & 2 & 0 & -1 \\ 2 & -1 & 4 & -2 \end{bmatrix}$$

$$127, 31, [31]$$

$$128, 336, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 \\ 1 & 1 & -2 & 0 & -2 & 1 & 1 \\ 1 & 1 & 1 & -6 & 1 & 1 & 1 \end{bmatrix}$$

$$129, 100, \begin{bmatrix} 2 & 14 \\ 7 & -1 \end{bmatrix}$$

$$130, 230, \begin{bmatrix} 1 & 3 & 6 \\ 3 & -1 & 0 \\ 3 & 9 & -5 \end{bmatrix}$$

$$131, 32, [32]$$

$$132, 186, \begin{bmatrix} 1 & 1 & 2 & 5 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 5 & 5 & 10 & -6 \end{bmatrix}$$

$$133, 20, \begin{bmatrix} 4 & 8 \\ 2 & -1 \end{bmatrix}$$

$$134, 362, \begin{bmatrix} 1 & 19 \\ 19 & -1 \end{bmatrix}$$

$$135, 42, \begin{bmatrix} 2 & 2 & 2 & 3 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 1 & 1 & 1 & -2 \end{bmatrix}$$

$$136, 312, \begin{bmatrix} 1 & 1 & 1 & 7 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 7 & 7 & 7 & -3 \end{bmatrix}$$

$$137, 33, [33]$$

$$138, 430, \begin{bmatrix} 1 & 2 & 9 \\ 2 & -1 & 0 \\ 9 & 18 & -5 \end{bmatrix}$$

$$139, 34, [34]$$

$$140, 162, \begin{bmatrix} 1 & 1 & 3 & 4 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 0 & -1 \\ 1 & 1 & -6 & 4 \end{bmatrix}$$

$$141, 229, \begin{bmatrix} 2 & 15 \\ 15 & -2 \end{bmatrix}$$

$$142, 401, \begin{bmatrix} 1 & 20 \\ 20 & -1 \end{bmatrix}$$

$$143, 61, \begin{bmatrix} 5 & 6 \\ 6 & -5 \end{bmatrix}$$

$$144, 48, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 \end{bmatrix}$$

$$145, 109, \begin{bmatrix} 3 & 10 \\ 10 & -3 \end{bmatrix}$$

$$146, 442, \begin{bmatrix} 1 & 21 \\ 21 & -1 \end{bmatrix}$$

$$147, 36, \begin{bmatrix} 2 & 4 & 4 \\ 0 & 1 & -1 \\ 4 & -1 & -1 \end{bmatrix}$$

$$148, 146, \begin{bmatrix} 1 & 1 & 12 \\ 1 & -1 & 0 \\ 6 & 6 & -1 \end{bmatrix}$$

$$149, 35, [35]$$

$$150, 230, \begin{bmatrix} 1 & 2 & 3 & 3 \\ 0 & 0 & 1 & -1 \\ 2 & 2 & -1 & -1 \\ 8 & -7 & 1 & 1 \end{bmatrix}$$

$$151, 36, [36]$$

$$152, 402, \begin{bmatrix} 1 & 1 & 1 & 8 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 8 & 8 & 8 & -3 \end{bmatrix}$$

$$153, 114, \begin{bmatrix} 2 & 2 & 7 \\ 1 & -1 & 0 \\ 7 & 7 & -4 \end{bmatrix}$$

$$154, 42, \begin{bmatrix} 1 & 4 & 5 \\ 3 & -2 & 1 \\ 1 & 1 & -1 \end{bmatrix}$$

$$155, 130, \begin{bmatrix} 3 & 11 \\ 11 & -3 \end{bmatrix}$$

$$156, 42, \begin{bmatrix} 1 & 1 & 2 & 6 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 1 & 1 & 2 & -1 \end{bmatrix}$$

$$157, 37, [37]$$

$$158, 485, \begin{bmatrix} 1 & 22 \\ 22 & -1 \end{bmatrix}$$

$$159, 130, \begin{bmatrix} 2 & 16 \\ 8 & -1 \end{bmatrix}$$

$$160, 336, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 3 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & 2 & 1 & 1 & -2 \\ 2 & 2 & -5 & 2 & 2 & -1 \end{bmatrix}$$

$$161, 97, \begin{bmatrix} 4 & 9 \\ 9 & -4 \end{bmatrix}$$

$$162, 136, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 \\ 0 & 1 & 0 & 0 & -1 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -1 & -1 & 1 \\ 8 & -1 & -1 & -1 & -1 \end{bmatrix}$$

$$163, 38, [38]$$

$$164, 342, \begin{bmatrix} 1 & 1 & 13 \\ 1 & -1 & 0 \\ 13 & 13 & -2 \end{bmatrix}$$

$$165, 114, \begin{bmatrix} 2 & 3 & 5 \\ 1 & 1 & -1 \\ 8 & -7 & 1 \end{bmatrix}$$

$$166, 530, \begin{bmatrix} 1 & 23 \\ 23 & -1 \end{bmatrix}$$

167, 39, [39]

$$168, 690, \begin{bmatrix} 1 & 1 & 1 & 2 & 4 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 2 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 10 & 10 & 10 & -3 & -6 \end{bmatrix}$$

$$169, 12, \begin{bmatrix} 6 & 6 \\ 1 & -1 \end{bmatrix}$$

$$170, 354, \begin{bmatrix} 1 & 3 & 7 \\ 1 & 2 & -1 \\ 17 & -8 & 1 \end{bmatrix}$$

$$171, 36, \begin{bmatrix} 2 & 2 & 8 \\ 1 & -1 & 0 \\ 2 & 2 & -1 \end{bmatrix}$$

$$172, 198, \begin{bmatrix} 1 & 1 & 14 \\ 1 & -1 & 0 \\ 7 & 7 & -1 \end{bmatrix}$$

173, 40, [40]

$$174, 105, \begin{bmatrix} 1 & 2 & 10 \\ 2 & -1 & 0 \\ 2 & 4 & -1 \end{bmatrix}$$

$$175, 34, \begin{bmatrix} 3 & 3 & 4 \\ 1 & -1 & 0 \\ 2 & 2 & -3 \end{bmatrix}$$

$$176, 232, \begin{bmatrix} 1 & 1 & 1 & 1 & 5 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 5 & 5 & 5 & 5 & -4 \end{bmatrix}$$

$$177, 293, \begin{bmatrix} 2 & 17 \\ 17 & -2 \end{bmatrix}$$

$$178, 577, \begin{bmatrix} 1 & 24 \\ 24 & -1 \end{bmatrix}$$

$$179, 41, [41]$$

$$180, 304, \begin{bmatrix} 1 & 1 & 2 & 2 & 3 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & 1 & -2 \\ 7 & 7 & -5 & -5 & 2 \end{bmatrix}$$

$$181, 42, [42]$$

$$182, 318, \begin{bmatrix} 1 & 4 & 6 \\ 2 & 1 & -1 \\ 10 & -13 & 7 \end{bmatrix}$$

$$183, 164, \begin{bmatrix} 2 & 18 \\ 9 & -1 \end{bmatrix}$$

$$184, 168, \begin{bmatrix} 1 & 1 & 1 & 9 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 3 & 3 & 3 & -1 \end{bmatrix}$$

$$185, 51, \begin{bmatrix} 3 & 12 \\ 4 & -1 \end{bmatrix}$$

$$186, 630, \begin{bmatrix} 1 & 2 & 11 \\ 5 & 3 & -1 \\ 5 & -8 & 1 \end{bmatrix}$$

$$187, 74, \begin{bmatrix} 5 & 7 \\ 7 & -5 \end{bmatrix}$$

$$188, 454, \begin{bmatrix} 1 & 1 & 15 \\ 1 & -1 & 0 \\ 15 & 15 & -2 \end{bmatrix}$$

$$189, 84, \begin{bmatrix} 2 & 2 & 2 & 4 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 2 & 2 & 2 & -3 \end{bmatrix}$$

$$190, 370, \begin{bmatrix} 1 & 3 & 8 \\ 3 & -1 & 0 \\ 4 & 12 & -5 \end{bmatrix}$$

$$191, 43, [43]$$

$$192, 240, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -3 \end{bmatrix}$$

$$193, 44, [44]$$

$$194, 626, \begin{bmatrix} 1 & 25 \\ 25 & -1 \end{bmatrix}$$

$$195, 245, \begin{bmatrix} 2 & 3 & 6 \\ 0 & 2 & -1 \\ 15 & -2 & -4 \end{bmatrix}$$

$$196, 68, \begin{bmatrix} 1 & 1 & 4 & 4 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 4 & 4 & -1 & -1 \end{bmatrix}$$

197, 45, [45]

$$198, 136, \begin{bmatrix} 1 & 2 & 2 & 5 \\ 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & -1 \\ 7 & -3 & -3 & 1 \end{bmatrix}$$

199, 46, [46]

$$200, 84, \begin{bmatrix} 1 & 1 & 1 & 3 & 3 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -1 & -1 \end{bmatrix}$$

$$201, 365, \begin{bmatrix} 2 & 19 \\ 19 & -2 \end{bmatrix}$$

$$202, 677, \begin{bmatrix} 1 & 26 \\ 26 & -1 \end{bmatrix}$$

$$203, 58, \begin{bmatrix} 4 & 10 \\ 5 & -2 \end{bmatrix}$$

$$204, 330, \begin{bmatrix} 1 & 1 & 2 & 7 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 7 & 7 & 14 & -6 \end{bmatrix}$$

$$205, 178, \begin{bmatrix} 3 & 13 \\ 13 & -3 \end{bmatrix}$$

$$206, 730, \begin{bmatrix} 1 & 27 \\ 27 & -1 \end{bmatrix}$$

$$207, 178, \begin{bmatrix} 2 & 2 & 9 \\ 1 & -1 & 0 \\ 9 & 9 & -4 \end{bmatrix}$$

$$208, 160, \begin{bmatrix} 1 & 1 & 1 & 1 & 6 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 3 & 3 & 3 & 3 & -2 \end{bmatrix}$$

$$209, 89, \begin{bmatrix} 5 & 8 \\ 8 & -5 \end{bmatrix}$$

$$210, 90, \begin{bmatrix} 1 & 2 & 3 & 4 \\ 1 & 1 & -1 & 0 \\ 1 & 0 & 1 & -1 \\ 3 & -4 & -1 & 2 \end{bmatrix}$$

$$211, 47, [47]$$

$$212, 258, \begin{bmatrix} 1 & 1 & 16 \\ 1 & -1 & 0 \\ 8 & 8 & -1 \end{bmatrix}$$

$$213, 202, \begin{bmatrix} 2 & 20 \\ 10 & -1 \end{bmatrix}$$

$$214, 785, \begin{bmatrix} 1 & 28 \\ 28 & -1 \end{bmatrix}$$

$$215, 205, \begin{bmatrix} 3 & 14 \\ 14 & -3 \end{bmatrix}$$

$$216, 180, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -2 & 1 \\ 2 & 2 & 2 & -1 & -1 & -1 \end{bmatrix}$$

$$217, 137, \begin{bmatrix} 4 & 11 \\ 11 & -4 \end{bmatrix}$$

$$218, 842, \begin{bmatrix} 1 & 29 \\ 29 & -1 \end{bmatrix}$$

$$219, 445, \begin{bmatrix} 2 & 21 \\ 21 & -2 \end{bmatrix}$$

$$220, 72, \begin{bmatrix} 1 & 1 & 3 & 5 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -3 & 1 \\ 1 & 1 & 1 & -1 \end{bmatrix}$$

$$221, 85, \begin{bmatrix} 6 & 7 \\ 7 & -6 \end{bmatrix}$$

$$222, 745, \begin{bmatrix} 1 & 2 & 12 \\ 2 & -1 & 0 \\ 12 & 24 & -5 \end{bmatrix}$$

$$223, 48, [48]$$

$$224, 588, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 4 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 2 & 0 & 1 & -1 \\ 2 & -1 & -2 & -1 & 2 & 0 \\ 1 & 4 & -2 & 4 & 1 & -2 \end{bmatrix}$$

$$225, 52, \begin{bmatrix} 2 & 2 & 3 & 3 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 3 & 3 & -2 & -2 \end{bmatrix}$$

$$226, 901, \begin{bmatrix} 1 & 30 \\ 30 & -1 \end{bmatrix}$$

$$227, 49, [49]$$

$$228, 210, \begin{bmatrix} 1 & 1 & 2 & 8 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 4 & 4 & 8 & -3 \end{bmatrix}$$

229, 50, [50]

$$230, 182, \begin{bmatrix} 1 & 3 & 9 \\ 3 & -4 & 1 \\ 3 & 2 & -1 \end{bmatrix}$$

$$231, 45, \begin{bmatrix} 2 & 4 & 5 \\ 2 & -1 & 0 \\ 1 & 2 & -2 \end{bmatrix}$$

$$232, 618, \begin{bmatrix} 1 & 1 & 1 & 10 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 10 & 10 & 10 & -3 \end{bmatrix}$$

233, 51, [51]

$$234, 270, \begin{bmatrix} 1 & 2 & 2 & 6 \\ 0 & 2 & 1 & -1 \\ 2 & 1 & -2 & 0 \\ 4 & -2 & 3 & -1 \end{bmatrix}$$

$$235, 78, \begin{bmatrix} 3 & 15 \\ 5 & -1 \end{bmatrix}$$

$$236, 582, \begin{bmatrix} 1 & 1 & 17 \\ 1 & -1 & 0 \\ 17 & 17 & -2 \end{bmatrix}$$

$$237, 244, \begin{bmatrix} 2 & 22 \\ 11 & -1 \end{bmatrix}$$

$$238, 66, \begin{bmatrix} 1 & 4 & 7 \\ 3 & 1 & -1 \\ 1 & -2 & 1 \end{bmatrix}$$

239, 52, [52]

$$240, 544, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 3 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 3 & 3 & 3 & 3 & 6 & -8 \end{bmatrix}$$

241, 53, [53]

$$242, 102, \begin{bmatrix} 1 & 5 & 5 \\ 0 & 1 & -1 \\ 10 & -1 & -1 \end{bmatrix}$$

$$243, 80, \begin{bmatrix} 2 & 2 & 2 & 2 & 2 \\ 1 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & -1 & 0 \\ 1 & -1 & 0 & -1 & 1 \\ 1 & 1 & -4 & 1 & 1 \end{bmatrix}$$

$$244, 326, \begin{bmatrix} 1 & 1 & 18 \\ 1 & -1 & 0 \\ 9 & 9 & -1 \end{bmatrix}$$

$$245, 82, \begin{bmatrix} 3 & 4 & 4 \\ 0 & 1 & -1 \\ 8 & -3 & -3 \end{bmatrix}$$

$$246, 870, \begin{bmatrix} 1 & 2 & 13 \\ 2 & -1 & 0 \\ 13 & 26 & -5 \end{bmatrix}$$

$$247, 50, \begin{bmatrix} 6 & 8 \\ 4 & -3 \end{bmatrix}$$

$$248, 744, \begin{bmatrix} 1 & 1 & 1 & 11 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 11 & 11 & 11 & -3 \end{bmatrix}$$

$$249, 533, \begin{bmatrix} 2 & 23 \\ 23 & -2 \end{bmatrix}$$

$$250, 168, \begin{bmatrix} 1 & 3 & 3 & 3 \\ 0 & 1 & 0 & -1 \\ 3 & -1 & 1 & -1 \\ 3 & 2 & -5 & 2 \end{bmatrix}$$

$$251, 54, [54]$$

$$252, 156, \begin{bmatrix} 1 & 1 & 2 & 2 & 4 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 1 & 1 & -1 \\ 6 & 6 & -1 & -1 & -2 \end{bmatrix}$$

$$253, 106, \begin{bmatrix} 5 & 9 \\ 9 & -5 \end{bmatrix}$$

$$254, 962, \begin{bmatrix} 1 & 31 \\ 31 & -1 \end{bmatrix}$$

$$255, 186, \begin{bmatrix} 2 & 3 & 7 \\ 5 & -8 & 2 \\ 2 & 1 & -1 \end{bmatrix}$$

$$256, 128, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & -1 & 1 \\ 0 & 0 & 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & -1 & -1 & -1 & -1 & 1 & 1 \end{bmatrix}$$

$$257, 55, [55]$$

$$258, 1005, \begin{bmatrix} 1 & 2 & 14 \\ 2 & -1 & 0 \\ 14 & 28 & -5 \end{bmatrix}$$

$$259, 40, \begin{bmatrix} 4 & 12 \\ 3 & -1 \end{bmatrix}$$

$$260, 470, \begin{bmatrix} 1 & 1 & 3 & 6 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 15 & 15 & -2 & -4 \end{bmatrix}$$

$$261, 108, \begin{bmatrix} 2 & 2 & 10 \\ 1 & -1 & 0 \\ 5 & 5 & -2 \end{bmatrix}$$

$$262, 1025, \begin{bmatrix} 1 & 32 \\ 32 & -1 \end{bmatrix}$$

$$263, 56, [56]$$

$$264, 384, \begin{bmatrix} 1 & 1 & 1 & 2 & 5 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & -1 & 0 \\ 1 & -1 & 1 & 2 & -1 \\ 1 & 9 & 1 & 2 & -3 \end{bmatrix}$$

$$265, 265, \begin{bmatrix} 3 & 16 \\ 16 & -3 \end{bmatrix}$$

$$266, 405, \begin{bmatrix} 1 & 4 & 8 \\ 0 & 2 & -1 \\ 20 & -1 & -2 \end{bmatrix}$$

$$267, 290, \begin{bmatrix} 2 & 24 \\ 12 & -1 \end{bmatrix}$$

$$268, 726, \begin{bmatrix} 1 & 1 & 19 \\ 1 & -1 & 0 \\ 19 & 19 & -2 \end{bmatrix}$$

$$269, 57, [57]$$

$$270, 264, \begin{bmatrix} 1 & 2 & 2 & 2 & 3 \\ 0 & 1 & 0 & -1 & 0 \\ 1 & 0 & 1 & 0 & -1 \\ 1 & -1 & 0 & -1 & 1 \\ 7 & 3 & -8 & 3 & -1 \end{bmatrix}$$

271, 58, [58]

$$272, 424, \begin{bmatrix} 1 & 1 & 1 & 1 & 7 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 7 & 7 & 7 & 7 & -4 \end{bmatrix}$$

$$273, 84, \begin{bmatrix} 2 & 4 & 6 \\ 1 & -2 & 1 \\ 4 & 1 & -2 \end{bmatrix}$$

$$274, 1090, \begin{bmatrix} 1 & 33 \\ 33 & -1 \end{bmatrix}$$

$$275, 86, \begin{bmatrix} 3 & 3 & 5 \\ 1 & -1 & 0 \\ 5 & 5 & -6 \end{bmatrix}$$

$$276, 174, \begin{bmatrix} 1 & 1 & 2 & 9 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 3 & 3 & 6 & -2 \end{bmatrix}$$

277, 59, [59]

$$278, 1157, \begin{bmatrix} 1 & 34 \\ 34 & -1 \end{bmatrix}$$

$$279, 258, \begin{bmatrix} 2 & 2 & 11 \\ 1 & -1 & 0 \\ 11 & 11 & -4 \end{bmatrix}$$

$$280, 168, \begin{bmatrix} 1 & 1 & 1 & 3 & 4 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & 3 & -3 \end{bmatrix}$$

281, 60, [60]

$$282, 230, \begin{bmatrix} 1 & 2 & 15 \\ 2 & -1 & 0 \\ 3 & 6 & -1 \end{bmatrix}$$

283, 61, [61]

$$284, 402, \begin{bmatrix} 1 & 1 & 20 \\ 1 & -1 & 0 \\ 10 & 10 & -1 \end{bmatrix}$$

$$285, 231, \begin{bmatrix} 2 & 3 & 8 \\ 5 & 2 & -2 \\ 2 & -4 & 1 \end{bmatrix}$$

$$286, 186, \begin{bmatrix} 1 & 5 & 6 \\ 1 & 1 & -1 \\ 11 & -7 & 4 \end{bmatrix}$$

$$287, 185, \begin{bmatrix} 4 & 13 \\ 13 & -4 \end{bmatrix}$$

$$288, 624, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 2 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 0 & 1 & 1 & -1 & -1 \\ 1 & 1 & -12 & 1 & 1 & 2 & 2 \end{bmatrix}$$

$$289, 14, \begin{bmatrix} 7 & 7 \\ 1 & -1 \end{bmatrix}$$

$$290, 110, \begin{bmatrix} 1 & 3 & 10 \\ 3 & -1 & 0 \\ 1 & 3 & -1 \end{bmatrix}$$

$$291, 629, \begin{bmatrix} 2 & 25 \\ 25 & -2 \end{bmatrix}$$

$$292, 886, \begin{bmatrix} 1 & 1 & 21 \\ 1 & -1 & 0 \\ 21 & 21 & -2 \end{bmatrix}$$

$$293, 62, [62]$$

$$294, 370, \begin{bmatrix} 1 & 2 & 4 & 4 \\ 0 & 0 & 1 & -1 \\ 2 & -1 & 0 & 0 \\ 8 & 16 & -5 & -5 \end{bmatrix}$$

$$295, 298, \begin{bmatrix} 3 & 17 \\ 17 & -3 \end{bmatrix}$$

$$296, 294, \begin{bmatrix} 1 & 1 & 1 & 12 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 4 & 4 & 4 & -1 \end{bmatrix}$$

$$297, 222, \begin{bmatrix} 2 & 2 & 2 & 5 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 5 & 5 & 5 & -6 \end{bmatrix}$$

$$298, 1226, \begin{bmatrix} 1 & 35 \\ 35 & -1 \end{bmatrix}$$

$$299, 39, \begin{bmatrix} 6 & 9 \\ 3 & -2 \end{bmatrix}$$

$$300, 48, \begin{bmatrix} 1 & 1 & 2 & 3 & 3 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -1 & -1 \end{bmatrix}$$

$$301, 106, \begin{bmatrix} 4 & 14 \\ 7 & -2 \end{bmatrix}$$

$$302, 1297, \begin{bmatrix} 1 & 36 \\ 36 & -1 \end{bmatrix}$$

$$303, 340, \begin{bmatrix} 2 & 26 \\ 13 & -1 \end{bmatrix}$$

$$304, 136, \begin{bmatrix} 1 & 1 & 1 & 1 & 8 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 2 & 2 & 2 & 2 & -1 \end{bmatrix}$$

$$305, 111, \begin{bmatrix} 3 & 18 \\ 6 & -1 \end{bmatrix}$$

$$306, 580, \begin{bmatrix} 1 & 2 & 2 & 7 \\ 0 & 1 & -1 & 0 \\ 1 & -2 & -2 & 1 \\ 16 & 3 & 3 & -4 \end{bmatrix}$$

$$307, 63, [63]$$

$$308, 430, \begin{bmatrix} 1 & 1 & 4 & 5 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 \\ 9 & 9 & -7 & 2 \end{bmatrix}$$

$$309, 733, \begin{bmatrix} 2 & 27 \\ 27 & -2 \end{bmatrix}$$

$$310, 1310, \begin{bmatrix} 1 & 3 & 11 \\ 3 & -1 & 0 \\ 11 & 33 & -10 \end{bmatrix}$$

311, 64, [64]

$$312, 1806, \begin{bmatrix} 1 & 1 & 1 & 2 & 6 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 6 & 6 & 6 & 12 & -7 \end{bmatrix}$$

313, 65, [65]

$$314, 1370, \begin{bmatrix} 1 & 37 \\ 37 & -1 \end{bmatrix}$$

$$315, 66, \begin{bmatrix} 2 & 2 & 3 & 4 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 0 & -1 \\ 1 & 1 & -4 & 2 \end{bmatrix}$$

$$316, 486, \begin{bmatrix} 1 & 1 & 22 \\ 1 & -1 & 0 \\ 11 & 11 & -1 \end{bmatrix}$$

317, 66, [66]

$$318, 1305, \begin{bmatrix} 1 & 2 & 16 \\ 2 & -1 & 0 \\ 16 & 32 & -5 \end{bmatrix}$$

$$319, 25, \begin{bmatrix} 5 & 10 \\ 2 & -1 \end{bmatrix}$$

$$320, 240, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 3 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -2 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \end{bmatrix}$$

$$321, 394, \begin{bmatrix} 2 & 28 \\ 14 & -1 \end{bmatrix}$$

$$322, 294, \begin{bmatrix} 1 & 4 & 9 \\ 11 & -5 & 1 \\ 1 & 2 & -1 \end{bmatrix}$$

$$323, 113, \begin{bmatrix} 7 & 8 \\ 8 & -7 \end{bmatrix}$$

$$324, 108, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 2 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 \\ 1 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & -2 & 0 & 1 \\ 1 & 1 & -1 & -1 & 2 & -1 \end{bmatrix}$$

$$325, 18, \begin{bmatrix} 3 & 3 & 6 \\ 1 & -1 & 0 \\ 1 & 1 & -1 \end{bmatrix}$$

$$326, 1445, \begin{bmatrix} 1 & 38 \\ 38 & -1 \end{bmatrix}$$

$$327, 845, \begin{bmatrix} 2 & 29 \\ 29 & -2 \end{bmatrix}$$

$$328, 1032, \begin{bmatrix} 1 & 1 & 1 & 13 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 13 & 13 & 13 & -3 \end{bmatrix}$$

$$329, 241, \begin{bmatrix} 4 & 15 \\ 15 & -4 \end{bmatrix}$$

$$330, 117, \begin{bmatrix} 1 & 2 & 3 & 5 \\ 1 & 1 & -1 & 0 \\ 0 & 1 & 1 & -1 \\ 5 & -3 & 2 & -1 \end{bmatrix}$$

$$331, 67, [67]$$

$$332, 1062, \begin{bmatrix} 1 & 1 & 23 \\ 1 & -1 & 0 \\ 23 & 23 & -2 \end{bmatrix}$$

$$333, 76, \begin{bmatrix} 2 & 2 & 12 \\ 1 & -1 & 0 \\ 3 & 3 & -1 \end{bmatrix}$$

$$334, 1522, \begin{bmatrix} 1 & 39 \\ 39 & -1 \end{bmatrix}$$

$$335, 370, \begin{bmatrix} 3 & 19 \\ 19 & -3 \end{bmatrix}$$

$$336, 192, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 4 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 1 & 1 & 1 & 1 & 2 & -2 \end{bmatrix}$$

$$337, 68, [68]$$

$$338, 146, \begin{bmatrix} 1 & 6 & 6 \\ 0 & 1 & -1 \\ 12 & -1 & -1 \end{bmatrix}$$

$$339, 452, \begin{bmatrix} 2 & 30 \\ 15 & -1 \end{bmatrix}$$

$$340, 120, \begin{bmatrix} 1 & 1 & 3 & 7 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 1 & -1 \\ 1 & 1 & -3 & 1 \end{bmatrix}$$

$$341, 146, \begin{bmatrix} 5 & 11 \\ 11 & -5 \end{bmatrix}$$

$$342, 1314, \begin{bmatrix} 1 & 2 & 2 & 8 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 8 & 16 & 16 & -9 \end{bmatrix}$$

$$343, 24, \begin{bmatrix} 4 & 4 & 4 \\ 1 & 0 & -1 \\ 1 & -2 & 1 \end{bmatrix}$$

$$344, 1194, \begin{bmatrix} 1 & 1 & 1 & 14 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 14 & 14 & 14 & -3 \end{bmatrix}$$

$$345, 470, \begin{bmatrix} 2 & 3 & 9 \\ 0 & 3 & -1 \\ 15 & -1 & -3 \end{bmatrix}$$

$$346, 1601, \begin{bmatrix} 1 & 40 \\ 40 & -1 \end{bmatrix}$$

$$347, 69, [69]$$

$$348, 318, \begin{bmatrix} 1 & 1 & 2 & 10 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 5 & 5 & 10 & -3 \end{bmatrix}$$

349, 70, [70]

$$350, 70, \begin{bmatrix} 1 & 3 & 3 & 4 \\ 0 & 1 & -1 & 0 \\ 2 & 1 & 1 & -2 \\ 2 & -1 & -1 & 1 \end{bmatrix}$$

$$351, 48, \begin{bmatrix} 2 & 2 & 2 & 6 \\ 1 & 0 & -1 & 0 \\ 1 & 1 & 1 & -1 \\ 1 & -2 & 1 & 0 \end{bmatrix}$$

$$352, 240, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 5 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & 1 & -1 \\ 1 & 1 & -4 & 1 & 1 & 0 \end{bmatrix}$$

353, 71, [71]

$$354, 1470, \begin{bmatrix} 1 & 2 & 17 \\ 2 & -1 & 0 \\ 17 & 34 & -5 \end{bmatrix}$$

$$355, 409, \begin{bmatrix} 3 & 20 \\ 20 & -3 \end{bmatrix}$$

$$356, 578, \begin{bmatrix} 1 & 1 & 24 \\ 1 & -1 & 0 \\ 12 & 12 & -1 \end{bmatrix}$$

$$357, 345, \begin{bmatrix} 2 & 4 & 7 \\ 2 & -1 & 0 \\ 7 & 14 & -10 \end{bmatrix}$$

$$358, 1682, \begin{bmatrix} 1 & 41 \\ 41 & -1 \end{bmatrix}$$

$$359, 72, [72]$$

$$360, 160, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 3 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & 0 & 0 & -1 \\ 0 & 1 & 0 & -1 & -1 & 1 \\ 2 & -3 & 2 & -1 & -1 & 1 \end{bmatrix}$$

$$361, 16, \begin{bmatrix} 8 & 8 \\ 1 & -1 \end{bmatrix}$$

$$362, 1765, \begin{bmatrix} 1 & 42 \\ 42 & -1 \end{bmatrix}$$

$$363, 54, \begin{bmatrix} 2 & 5 & 5 \\ 0 & 1 & -1 \\ 5 & -1 & -1 \end{bmatrix}$$

$$364, 162, \begin{bmatrix} 1 & 1 & 4 & 6 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 1 & 1 & 4 & -3 \end{bmatrix}$$

$$365, 150, \begin{bmatrix} 3 & 21 \\ 7 & -1 \end{bmatrix}$$

$$366, 1645, \begin{bmatrix} 1 & 2 & 18 \\ 2 & -1 & 0 \\ 18 & 36 & -5 \end{bmatrix}$$

$$367, 73, [73]$$

$$368, 680, \begin{bmatrix} 1 & 1 & 1 & 1 & 9 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 9 & 9 & 9 & 9 & -4 \end{bmatrix}$$

$$369, 354, \begin{bmatrix} 2 & 2 & 13 \\ 1 & -1 & 0 \\ 13 & 13 & -4 \end{bmatrix}$$

$$370, 770, \begin{bmatrix} 1 & 3 & 12 \\ 3 & -5 & 1 \\ 9 & 5 & -2 \end{bmatrix}$$

$$371, 68, \begin{bmatrix} 4 & 16 \\ 4 & -1 \end{bmatrix}$$

$$372, 762, \begin{bmatrix} 1 & 1 & 2 & 11 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 11 & 11 & 22 & -6 \end{bmatrix}$$

$$373, 74, [74]$$

$$374, 150, \begin{bmatrix} 1 & 5 & 7 \\ 4 & -5 & 3 \\ 2 & 1 & -1 \end{bmatrix}$$

$$375, 186, \begin{bmatrix} 2 & 3 & 3 & 3 \\ 0 & 1 & 0 & -1 \\ 0 & 1 & -2 & 1 \\ 9 & -2 & -2 & -2 \end{bmatrix}$$

$$376, 456, \begin{bmatrix} 1 & 1 & 1 & 15 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 5 & 5 & 5 & -1 \end{bmatrix}$$

$$377, 68, \begin{bmatrix} 6 & 10 \\ 5 & -3 \end{bmatrix}$$

$$378, 870, \begin{bmatrix} 1 & 2 & 2 & 2 & 4 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & 0 & 1 & -1 \\ 2 & 0 & -1 & 0 & 0 \\ 12 & -5 & 24 & -5 & -10 \end{bmatrix}$$

$$379, 75, [75]$$

$$380, 750, \begin{bmatrix} 1 & 1 & 3 & 8 \\ 3 & 0 & -1 & 0 \\ 1 & -2 & 3 & -1 \\ 1 & 6 & 3 & -2 \end{bmatrix}$$

$$381, 965, \begin{bmatrix} 2 & 31 \\ 31 & -2 \end{bmatrix}$$

$$382, 1850, \begin{bmatrix} 1 & 43 \\ 43 & -1 \end{bmatrix}$$

$$383, 76, [76]$$

$$384, 2112, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 & 1 & 1 & -2 \\ 3 & 3 & -8 & -8 & -8 & 3 & 3 & 6 \end{bmatrix}$$

$$385, 150, \begin{bmatrix} 3 & 4 & 5 \\ 1 & -2 & 1 \\ 7 & 1 & -5 \end{bmatrix}$$

$$386, 1937, \begin{bmatrix} 1 & 44 \\ 44 & -1 \end{bmatrix}$$

$$387, 204, \begin{bmatrix} 2 & 2 & 14 \\ 1 & -1 & 0 \\ 7 & 7 & -2 \end{bmatrix}$$

$$388, 1254, \begin{bmatrix} 1 & 1 & 25 \\ 1 & -1 & 0 \\ 25 & 25 & -2 \end{bmatrix}$$

$$389, 77, [77]$$

$$390, 250, \begin{bmatrix} 1 & 2 & 3 & 6 \\ 2 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 3 & 6 & -1 & -2 \end{bmatrix}$$

$$391, 130, \begin{bmatrix} 7 & 9 \\ 9 & -7 \end{bmatrix}$$

$$392, 420, \begin{bmatrix} 1 & 1 & 1 & 4 & 4 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 8 & 8 & 8 & -3 & -3 \end{bmatrix}$$

$$393, 514, \begin{bmatrix} 2 & 32 \\ 16 & -1 \end{bmatrix}$$

$$394, 2026, \begin{bmatrix} 1 & 45 \\ 45 & -1 \end{bmatrix}$$

$$395, 493, \begin{bmatrix} 3 & 22 \\ 22 & -3 \end{bmatrix}$$

$$396, 140, \begin{bmatrix} 1 & 1 & 2 & 2 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 1 & 1 & 2 & 2 & -2 \end{bmatrix}$$

$$397, 78, [78]$$

$$398, 2117, \begin{bmatrix} 1 & 46 \\ 46 & -1 \end{bmatrix}$$

$$399, 84, \begin{bmatrix} 2 & 4 & 8 \\ 2 & -3 & 1 \\ 2 & 1 & -1 \end{bmatrix}$$

$$400, 176, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 3 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 3 & 3 & 3 & 3 & -2 & -2 \end{bmatrix}$$

$$401, 79, [79]$$

$$402, 1830, \begin{bmatrix} 1 & 2 & 19 \\ 2 & -1 & 0 \\ 19 & 38 & -5 \end{bmatrix}$$

$$403, 157, \begin{bmatrix} 6 & 11 \\ 11 & -6 \end{bmatrix}$$

$$404, 678, \begin{bmatrix} 1 & 1 & 26 \\ 1 & -1 & 0 \\ 13 & 13 & -1 \end{bmatrix}$$

$$405, 200, \begin{bmatrix} 2 & 2 & 2 & 2 & 3 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 3 & 3 & 3 & 3 & -8 \end{bmatrix}$$

$$406, 351, \begin{bmatrix} 1 & 4 & 10 \\ 8 & -7 & 2 \\ 2 & 2 & -1 \end{bmatrix}$$

$$407, 169, \begin{bmatrix} 5 & 12 \\ 12 & -5 \end{bmatrix}$$

$$408, 336, \begin{bmatrix} 1 & 1 & 1 & 2 & 7 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & 2 & -1 \\ 2 & 2 & 2 & -3 & 0 \end{bmatrix}$$

409, 80, [80]

$$410, 1790, \begin{bmatrix} 1 & 3 & 13 \\ 3 & -1 & 0 \\ 13 & 39 & -10 \end{bmatrix}$$

$$411, 1093, \begin{bmatrix} 2 & 33 \\ 33 & -2 \end{bmatrix}$$

$$412, 1462, \begin{bmatrix} 1 & 1 & 27 \\ 1 & -1 & 0 \\ 27 & 27 & -2 \end{bmatrix}$$

$$413, 305, \begin{bmatrix} 4 & 17 \\ 17 & -4 \end{bmatrix}$$

$$414, 180, \begin{bmatrix} 1 & 2 & 2 & 9 \\ 0 & 1 & -1 & 0 \\ 1 & 2 & 2 & -1 \\ 4 & -1 & -1 & 0 \end{bmatrix}$$

$$415, 538, \begin{bmatrix} 3 & 23 \\ 23 & -3 \end{bmatrix}$$

$$416, 1640, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 6 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 6 & 6 & 6 & 6 & 6 & -5 \end{bmatrix}$$

$$417, 580, \begin{bmatrix} 2 & 34 \\ 17 & -1 \end{bmatrix}$$

$$418, 270, \begin{bmatrix} 1 & 5 & 8 \\ 7 & 5 & -4 \\ 2 & -2 & 1 \end{bmatrix}$$

$$419, 81, [81]$$

$$420, 744, \begin{bmatrix} 1 & 1 & 2 & 3 & 4 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 \\ 0 & 0 & 1 & -2 & 1 \\ 9 & 9 & -13 & -4 & 5 \end{bmatrix}$$

$$421, 82, [82]$$

$$422, 2210, \begin{bmatrix} 1 & 47 \\ 47 & -1 \end{bmatrix}$$

$$423, 466, \begin{bmatrix} 2 & 2 & 15 \\ 1 & -1 & 0 \\ 15 & 15 & -4 \end{bmatrix}$$

$$424, 1554, \begin{bmatrix} 1 & 1 & 1 & 16 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 16 & 16 & 16 & -3 \end{bmatrix}$$

$$425, 134, \begin{bmatrix} 3 & 3 & 7 \\ 1 & -1 & 0 \\ 7 & 7 & -6 \end{bmatrix}$$

$$426, 405, \begin{bmatrix} 1 & 2 & 20 \\ 2 & -1 & 0 \\ 4 & 8 & -1 \end{bmatrix}$$

$$427, 170, \begin{bmatrix} 4 & 18 \\ 9 & -2 \end{bmatrix}$$

$$428, 786, \begin{bmatrix} 1 & 1 & 28 \\ 1 & -1 & 0 \\ 14 & 14 & -1 \end{bmatrix}$$

$$429, 130, \begin{bmatrix} 2 & 5 & 6 \\ 3 & 0 & -1 \\ 1 & -4 & 3 \end{bmatrix}$$

$$430, 1030, \begin{bmatrix} 1 & 3 & 14 \\ 3 & -1 & 0 \\ 7 & 21 & -5 \end{bmatrix}$$

$$431, 83, [83]$$

$$432, 256, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 2 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 & -2 & 0 \\ 1 & 1 & 1 & 1 & -2 & 2 & -2 \end{bmatrix}$$

$$433, 84, [84]$$

$$434, 966, \begin{bmatrix} 1 & 4 & 11 \\ 8 & 9 & -4 \\ 5 & -4 & 1 \end{bmatrix}$$

$$435, 1017, \begin{bmatrix} 2 & 3 & 10 \\ 2 & 2 & -1 \\ 23 & -22 & 2 \end{bmatrix}$$

$$436, 1686, \begin{bmatrix} 1 & 1 & 29 \\ 1 & -1 & 0 \\ 29 & 29 & -2 \end{bmatrix}$$

$$437, 145, \begin{bmatrix} 8 & 9 \\ 9 & -8 \end{bmatrix}$$

$$438, 2230, \begin{bmatrix} 1 & 2 & 21 \\ 2 & -1 & 0 \\ 21 & 42 & -5 \end{bmatrix}$$

$$439, 85, [85]$$

$$440, 888, \begin{bmatrix} 1 & 1 & 1 & 3 & 5 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 5 & 5 & 5 & 15 & -12 \end{bmatrix}$$

$$441, 40, \begin{bmatrix} 2 & 2 & 4 & 4 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 2 & 2 & -1 & -1 \end{bmatrix}$$

$$442, 258, \begin{bmatrix} 1 & 6 & 7 \\ 1 & 1 & -1 \\ 13 & -8 & 5 \end{bmatrix}$$

443, 86, [86]

$$444, 150, \begin{bmatrix} 1 & 1 & 2 & 12 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 2 & 2 & 4 & -1 \end{bmatrix}$$

$$445, 195, \begin{bmatrix} 3 & 24 \\ 8 & -1 \end{bmatrix}$$

$$446, 2305, \begin{bmatrix} 1 & 48 \\ 48 & -1 \end{bmatrix}$$

$$447, 1229, \begin{bmatrix} 2 & 35 \\ 35 & -2 \end{bmatrix}$$

$$448, 528, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 4 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 2 & 2 & 2 & 2 & 2 & 2 & -3 \end{bmatrix}$$

449, 87, [87]

$$450, 324, \begin{bmatrix} 1 & 2 & 2 & 3 & 3 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 4 & -1 & -1 & 0 & 0 \\ 2 & 4 & 4 & -3 & -3 \end{bmatrix}$$

$$451, 194, \begin{bmatrix} 5 & 13 \\ 13 & -5 \end{bmatrix}$$

$$452, 902, \begin{bmatrix} 1 & 1 & 30 \\ 1 & -1 & 0 \\ 15 & 15 & -1 \end{bmatrix}$$

$$453, 650, \begin{bmatrix} 2 & 36 \\ 18 & -1 \end{bmatrix}$$

$$454, 2402, \begin{bmatrix} 1 & 49 \\ 49 & -1 \end{bmatrix}$$

$$455, 305, \begin{bmatrix} 3 & 4 & 6 \\ 2 & 0 & -1 \\ 4 & -15 & 8 \end{bmatrix}$$

$$456, 2982, \begin{bmatrix} 1 & 1 & 1 & 2 & 8 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 8 & 8 & 8 & 16 & -7 \end{bmatrix}$$

$$457, 88, [88]$$

$$458, 2501, \begin{bmatrix} 1 & 50 \\ 50 & -1 \end{bmatrix}$$

$$459, 366, \begin{bmatrix} 2 & 2 & 2 & 7 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 7 & 7 & 7 & -6 \end{bmatrix}$$

$$460, 920, \begin{bmatrix} 1 & 1 & 3 & 9 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 1 & -1 \\ 3 & 3 & -14 & 4 \end{bmatrix}$$

461, 89, [89]

$$462, 690, \begin{bmatrix} 1 & 2 & 4 & 5 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & 0 & -1 \\ 2 & 4 & -15 & 10 \end{bmatrix}$$

463, 90, [90]

$$464, 416, \begin{bmatrix} 1 & 1 & 1 & 1 & 10 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 5 & 5 & 5 & 5 & -2 \end{bmatrix}$$

$$465, 1206, \begin{bmatrix} 2 & 3 & 11 \\ 4 & 1 & -1 \\ 7 & -23 & 5 \end{bmatrix}$$

$$466, 2602, \begin{bmatrix} 1 & 51 \\ 51 & -1 \end{bmatrix}$$

467, 91, [91]

$$468, 460, \begin{bmatrix} 1 & 1 & 2 & 2 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 3 & 3 & 6 & 6 & -5 \end{bmatrix}$$

$$469, 377, \begin{bmatrix} 4 & 19 \\ 19 & -4 \end{bmatrix}$$

$$470, 470, \begin{bmatrix} 1 & 3 & 15 \\ 3 & -1 & 0 \\ 3 & 9 & -2 \end{bmatrix}$$

$$471, 1373, \begin{bmatrix} 2 & 37 \\ 37 & -2 \end{bmatrix}$$

$$472, 1752, \begin{bmatrix} 1 & 1 & 1 & 17 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 17 & 17 & 17 & -3 \end{bmatrix}$$

$$473, 221, \begin{bmatrix} 5 & 14 \\ 14 & -5 \end{bmatrix}$$

$$474, 2445, \begin{bmatrix} 1 & 2 & 22 \\ 2 & -1 & 0 \\ 22 & 44 & -5 \end{bmatrix}$$

$$475, 82, \begin{bmatrix} 3 & 3 & 8 \\ 1 & -1 & 0 \\ 4 & 4 & -3 \end{bmatrix}$$

$$476, 1206, \begin{bmatrix} 1 & 1 & 4 & 7 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 7 & 7 & 28 & -18 \end{bmatrix}$$

$$477, 132, \begin{bmatrix} 2 & 2 & 16 \\ 1 & -1 & 0 \\ 4 & 4 & -1 \end{bmatrix}$$

$$478, 2705, \begin{bmatrix} 1 & 52 \\ 52 & -1 \end{bmatrix}$$

$$479, 92, [92]$$

$$480, 324, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 3 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 1 & 1 & 1 & 0 & -1 \\ 1 & 0 & 0 & -2 & 1 & 0 & 0 \\ 1 & 1 & -2 & 1 & 1 & -1 & 0 \end{bmatrix}$$

$$481, 30, \begin{bmatrix} 6 & 12 \\ 2 & -1 \end{bmatrix}$$

$$482, 2810, \begin{bmatrix} 1 & 53 \\ 53 & -1 \end{bmatrix}$$

$$483, 505, \begin{bmatrix} 2 & 4 & 9 \\ 2 & -1 & 0 \\ 9 & 18 & -10 \end{bmatrix}$$

$$484, 104, \begin{bmatrix} 1 & 1 & 5 & 5 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 5 & 5 & -1 & -1 \end{bmatrix}$$

$$485, 634, \begin{bmatrix} 3 & 25 \\ 25 & -3 \end{bmatrix}$$

$$486, 588, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 2 \\ 0 & 1 & 0 & 0 & 0 & -1 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 2 & -1 & 0 & 1 & 0 & -1 \\ 0 & 1 & -2 & 2 & -2 & 1 \\ 4 & 2 & -1 & -4 & -1 & 2 \end{bmatrix}$$

$$487, 93, [93]$$

$$488, 654, \begin{bmatrix} 1 & 1 & 1 & 18 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 6 & 6 & 6 & -1 \end{bmatrix}$$

$$489, 724, \begin{bmatrix} 2 & 38 \\ 19 & -1 \end{bmatrix}$$

$$490, 168, \begin{bmatrix} 1 & 3 & 4 & 4 \\ 0 & 0 & 1 & -1 \\ 5 & 1 & -1 & -1 \\ 1 & -3 & 1 & 1 \end{bmatrix}$$

$$491, 94, [94]$$

$$492, 1050, \begin{bmatrix} 1 & 1 & 2 & 13 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 13 & 13 & 26 & -6 \end{bmatrix}$$

$$493, 149, \begin{bmatrix} 7 & 10 \\ 10 & -7 \end{bmatrix}$$

$$494, 606, \begin{bmatrix} 1 & 6 & 8 \\ 2 & 1 & -1 \\ 14 & -17 & 11 \end{bmatrix}$$

$$495, 168, \begin{bmatrix} 2 & 2 & 3 & 5 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 1 & -3 \\ 1 & 1 & -3 & 1 \end{bmatrix}$$

$$496, 1000, \begin{bmatrix} 1 & 1 & 1 & 1 & 11 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 11 & 11 & 11 & 11 & -4 \end{bmatrix}$$

$$497, 104, \begin{bmatrix} 4 & 20 \\ 5 & -1 \end{bmatrix}$$

$$498, 2670, \begin{bmatrix} 1 & 2 & 23 \\ 2 & -1 & 0 \\ 23 & 46 & -5 \end{bmatrix}$$

499, 95, [95]

$$500, 348, \begin{bmatrix} 1 & 1 & 3 & 3 & 3 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 \\ 0 & 0 & 1 & -2 & 1 \\ 9 & 9 & -2 & -2 & -2 \end{bmatrix}$$

$$501, 1525, \begin{bmatrix} 2 & 39 \\ 39 & -2 \end{bmatrix}$$

$$502, 2917, \begin{bmatrix} 1 & 54 \\ 54 & -1 \end{bmatrix}$$

503, 96, [96]

$$504, 324, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 4 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 0 & 1 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 4 & 4 & 4 & -1 & -1 & -2 \end{bmatrix}$$

$$505, 685, \begin{bmatrix} 3 & 26 \\ 26 & -3 \end{bmatrix}$$

$$506, 642, \begin{bmatrix} 1 & 5 & 9 \\ 1 & -2 & 1 \\ 23 & 8 & -7 \end{bmatrix}$$

$$507, 76, \begin{bmatrix} 2 & 6 & 6 \\ 0 & 1 & -1 \\ 6 & -1 & -1 \end{bmatrix}$$

$$508, 1926, \begin{bmatrix} 1 & 1 & 31 \\ 1 & -1 & 0 \\ 31 & 31 & -2 \end{bmatrix}$$

509, 97, [97]

$$510, 378, \begin{bmatrix} 1 & 2 & 3 & 7 \\ 1 & -2 & 1 & 0 \\ 1 & 2 & 3 & -2 \\ 4 & 1 & -2 & 0 \end{bmatrix}$$

$$511, 457, \begin{bmatrix} 4 & 21 \\ 21 & -4 \end{bmatrix}$$

$$512, 864, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 & -1 & 1 \\ 0 & 0 & 1 & 0 & -2 & 0 & 1 & 0 & 0 \\ 1 & 1 & 0 & -2 & 0 & -2 & 0 & 1 & 1 \\ 1 & 1 & -2 & 1 & -2 & 1 & -2 & 1 & 1 \end{bmatrix}$$

$$513, 228, \begin{bmatrix} 2 & 2 & 2 & 8 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 4 & 4 & 4 & -3 \end{bmatrix}$$

$$514, 3026, \begin{bmatrix} 1 & 55 \\ 55 & -1 \end{bmatrix}$$

$$515, 246, \begin{bmatrix} 3 & 27 \\ 9 & -1 \end{bmatrix}$$

$$516, 606, \begin{bmatrix} 1 & 1 & 2 & 14 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 7 & 7 & 14 & -3 \end{bmatrix}$$

$$517, 50, \begin{bmatrix} 5 & 15 \\ 3 & -1 \end{bmatrix}$$

$$518, 483, \begin{bmatrix} 1 & 4 & 12 \\ 4 & -7 & 2 \\ 4 & 2 & -1 \end{bmatrix}$$

$$519, 802, \begin{bmatrix} 2 & 40 \\ 20 & -1 \end{bmatrix}$$

$$520, 192, \begin{bmatrix} 1 & 1 & 1 & 3 & 6 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & 3 & -2 \end{bmatrix}$$

$$521, 98, [98]$$

$$522, 1962, \begin{bmatrix} 1 & 2 & 2 & 10 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 10 & 20 & 20 & -9 \end{bmatrix}$$

$$523, 99, [99]$$

$$524, 1026, \begin{bmatrix} 1 & 1 & 32 \\ 1 & -1 & 0 \\ 16 & 16 & -1 \end{bmatrix}$$

$$525, 152, \begin{bmatrix} 2 & 3 & 3 & 4 \\ 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 \\ 7 & 1 & 1 & -5 \end{bmatrix}$$

$$526, 3137, \begin{bmatrix} 1 & 56 \\ 56 & -1 \end{bmatrix}$$

$$527, 170, \begin{bmatrix} 7 & 11 \\ 11 & -7 \end{bmatrix}$$

$$528, 1056, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 5 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 5 & 5 & 5 & 5 & 10 & -8 \end{bmatrix}$$

$$529, 18, \begin{bmatrix} 9 & 9 \\ 1 & -1 \end{bmatrix}$$

$$530, 1330, \begin{bmatrix} 1 & 3 & 16 \\ 3 & -1 & 0 \\ 8 & 24 & -5 \end{bmatrix}$$

$$531, 594, \begin{bmatrix} 2 & 2 & 17 \\ 1 & -1 & 0 \\ 17 & 17 & -4 \end{bmatrix}$$

$$532, 410, \begin{bmatrix} 1 & 1 & 4 & 8 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 10 & 10 & -1 & -2 \end{bmatrix}$$

$$533, 205, \begin{bmatrix} 6 & 13 \\ 13 & -6 \end{bmatrix}$$

$$534, 2905, \begin{bmatrix} 1 & 2 & 24 \\ 2 & -1 & 0 \\ 24 & 48 & -5 \end{bmatrix}$$

$$535, 793, \begin{bmatrix} 3 & 28 \\ 28 & -3 \end{bmatrix}$$

$$536, 2184, \begin{bmatrix} 1 & 1 & 1 & 19 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 19 & 19 & 19 & -3 \end{bmatrix}$$

$$537, 1685, \begin{bmatrix} 2 & 41 \\ 41 & -2 \end{bmatrix}$$

$$538, 3250, \begin{bmatrix} 1 & 57 \\ 57 & -1 \end{bmatrix}$$

$$539, 114, \begin{bmatrix} 4 & 4 & 5 \\ 1 & -1 & 0 \\ 5 & 5 & -8 \end{bmatrix}$$

$$540, 1380, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 3 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 0 & 2 & 0 & -2 \\ 4 & 4 & -15 & 8 & -15 & 12 \end{bmatrix}$$

$$541, 100, [100]$$

$$542, 3365, \begin{bmatrix} 1 & 58 \\ 58 & -1 \end{bmatrix}$$

$$543, 884, \begin{bmatrix} 2 & 42 \\ 21 & -1 \end{bmatrix}$$

$$544, 1296, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 7 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 2 & 2 & -1 & 2 & 2 & -1 \\ 1 & 1 & 10 & 1 & 1 & -2 \end{bmatrix}$$

$$545, 850, \begin{bmatrix} 3 & 29 \\ 29 & -3 \end{bmatrix}$$

$$546, 342, \begin{bmatrix} 1 & 2 & 4 & 6 \\ 0 & 1 & 1 & -1 \\ 6 & -7 & 5 & -2 \\ 2 & 1 & -1 & 0 \end{bmatrix}$$

547, 101, [101]

$$548, 2182, \begin{bmatrix} 1 & 1 & 33 \\ 1 & -1 & 0 \\ 33 & 33 & -2 \end{bmatrix}$$

$$549, 332, \begin{bmatrix} 2 & 2 & 18 \\ 1 & -1 & 0 \\ 9 & 9 & -2 \end{bmatrix}$$

$$550, 88, \begin{bmatrix} 1 & 3 & 3 & 5 \\ 0 & 1 & -1 & 0 \\ 4 & 1 & 1 & -2 \\ 1 & -1 & -1 & 1 \end{bmatrix}$$

$$551, 82, \begin{bmatrix} 8 & 10 \\ 5 & -4 \end{bmatrix}$$

$$552, 2112, \begin{bmatrix} 1 & 1 & 1 & 2 & 9 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & -1 & 0 \\ 1 & 3 & 1 & 2 & -1 \\ 7 & -15 & 7 & 14 & -3 \end{bmatrix}$$

$$553, 250, \begin{bmatrix} 4 & 22 \\ 11 & -2 \end{bmatrix}$$

$$554, 3482, \begin{bmatrix} 1 & 59 \\ 59 & -1 \end{bmatrix}$$

$$555, 2041, \begin{bmatrix} 2 & 3 & 12 \\ 3 & -2 & 0 \\ 24 & 36 & -13 \end{bmatrix}$$

$$556, 1158, \begin{bmatrix} 1 & 1 & 34 \\ 1 & -1 & 0 \\ 17 & 17 & -1 \end{bmatrix}$$

557, 102, [102]

$$558, 520, \begin{bmatrix} 1 & 2 & 2 & 11 \\ 0 & 1 & -1 & 0 \\ 7 & 1 & 1 & -1 \\ 1 & -3 & -3 & 1 \end{bmatrix}$$

$$559, 116, \begin{bmatrix} 6 & 14 \\ 7 & -3 \end{bmatrix}$$

$$560, 1160, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 4 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 & -1 \\ 3 & 3 & 3 & 3 & -20 & 12 \end{bmatrix}$$

$$561, 78, \begin{bmatrix} 2 & 5 & 7 \\ 4 & -3 & 1 \\ 1 & 1 & -1 \end{bmatrix}$$

$$562, 3601, \begin{bmatrix} 1 & 60 \\ 60 & -1 \end{bmatrix}$$

$$563, 103, [103]$$

$$564, 462, \begin{bmatrix} 1 & 1 & 2 & 15 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 5 & 5 & 10 & -2 \end{bmatrix}$$

$$565, 303, \begin{bmatrix} 3 & 30 \\ 10 & -1 \end{bmatrix}$$

$$566, 3722, \begin{bmatrix} 1 & 61 \\ 61 & -1 \end{bmatrix}$$

$$567, 64, \begin{bmatrix} 2 & 2 & 2 & 2 & 4 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & -2 \end{bmatrix}$$

$$568, 2418, \begin{bmatrix} 1 & 1 & 1 & 20 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 20 & 20 & 20 & -3 \end{bmatrix}$$

569, 104, [104]

$$570, 468, \begin{bmatrix} 1 & 2 & 3 & 8 \\ 1 & -2 & 1 & 0 \\ 0 & 1 & 2 & -1 \\ 8 & 3 & -2 & -1 \end{bmatrix}$$

571, 105, [105]

$$572, 378, \begin{bmatrix} 1 & 1 & 5 & 6 \\ 1 & 0 & 1 & -1 \\ 5 & -2 & -3 & 2 \\ 1 & 4 & -1 & 0 \end{bmatrix}$$

$$573, 1853, \begin{bmatrix} 2 & 43 \\ 43 & -2 \end{bmatrix}$$

$$574, 930, \begin{bmatrix} 1 & 4 & 13 \\ 5 & -11 & 3 \\ 5 & 2 & -1 \end{bmatrix}$$

$$575, 66, \begin{bmatrix} 3 & 3 & 9 \\ 1 & -1 & 0 \\ 3 & 3 & -2 \end{bmatrix}$$

$$576, 672, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \\ 2 & 2 & 2 & 2 & 2 & 2 & -3 & -3 \end{bmatrix}$$

577, 106, [106]

$$578, 198, \begin{bmatrix} 1 & 7 & 7 \\ 0 & 1 & -1 \\ 14 & -1 & -1 \end{bmatrix}$$

$$579, 970, \begin{bmatrix} 2 & 44 \\ 22 & -1 \end{bmatrix}$$

$$580, 1554, \begin{bmatrix} 1 & 1 & 3 & 10 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 6 & -2 \\ 11 & 11 & -4 & -1 \end{bmatrix}$$

$$581, 545, \begin{bmatrix} 4 & 23 \\ 23 & -4 \end{bmatrix}$$

$$582, 630, \begin{bmatrix} 1 & 2 & 25 \\ 2 & -1 & 0 \\ 5 & 10 & -1 \end{bmatrix}$$

$$583, 281, \begin{bmatrix} 5 & 16 \\ 16 & -5 \end{bmatrix}$$

$$584, 888, \begin{bmatrix} 1 & 1 & 1 & 21 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 7 & 7 & 7 & -1 \end{bmatrix}$$

$$585, 530, \begin{bmatrix} 2 & 2 & 3 & 6 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 15 & 15 & -4 & -8 \end{bmatrix}$$

$$586, 3845, \begin{bmatrix} 1 & 62 \\ 62 & -1 \end{bmatrix}$$

587, 107, [107]

$$588, 228, \begin{bmatrix} 1 & 1 & 2 & 4 & 4 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & -1 & 0 & 0 \\ 4 & 4 & 8 & -3 & -3 \end{bmatrix}$$

$$589, 185, \begin{bmatrix} 8 & 11 \\ 11 & -8 \end{bmatrix}$$

$$590, 2990, \begin{bmatrix} 1 & 3 & 17 \\ 3 & -1 & 0 \\ 17 & 51 & -10 \end{bmatrix}$$

$$591, 2029, \begin{bmatrix} 2 & 45 \\ 45 & -2 \end{bmatrix}$$

$$592, 296, \begin{bmatrix} 1 & 1 & 1 & 1 & 12 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 3 & 3 & 3 & 3 & -1 \end{bmatrix}$$

593, 108, [108]

$$594, 760, \begin{bmatrix} 1 & 2 & 2 & 2 & 5 \\ 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 0 & 1 & -1 \\ 1 & -1 & 4 & -1 & -1 \\ 8 & -3 & -3 & -3 & 2 \end{bmatrix}$$

$$595, 222, \begin{bmatrix} 3 & 4 & 7 \\ 1 & 1 & -1 \\ 11 & -10 & 1 \end{bmatrix}$$

$$596, 2454, \begin{bmatrix} 1 & 1 & 35 \\ 1 & -1 & 0 \\ 35 & 35 & -2 \end{bmatrix}$$

$$597, 1060, \begin{bmatrix} 2 & 46 \\ 23 & -1 \end{bmatrix}$$

$$598, 826, \begin{bmatrix} 1 & 6 & 9 \\ 3 & -2 & 1 \\ 12 & 13 & -10 \end{bmatrix}$$

599, 109, [109]

$$600, 500, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 3 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 2 & 1 & -2 & 0 & 0 \\ 0 & 2 & 0 & 2 & -1 & -1 \\ 3 & -2 & 3 & 1 & -1 & -1 \end{bmatrix}$$

601, 110, [110]

$$602, 1491, \begin{bmatrix} 1 & 4 & 14 \\ 2 & -4 & 1 \\ 20 & 9 & -4 \end{bmatrix}$$

$$603, 738, \begin{bmatrix} 2 & 2 & 19 \\ 1 & -1 & 0 \\ 19 & 19 & -4 \end{bmatrix}$$

$$604, 1298, \begin{bmatrix} 1 & 1 & 36 \\ 1 & -1 & 0 \\ 18 & 18 & -1 \end{bmatrix}$$

$$605, 118, \begin{bmatrix} 3 & 5 & 5 \\ 0 & 1 & -1 \\ 10 & -3 & -3 \end{bmatrix}$$

$$606, 3405, \begin{bmatrix} 1 & 2 & 26 \\ 2 & -1 & 0 \\ 26 & 52 & -5 \end{bmatrix}$$

$$607, 111, [111]$$

$$608, 2760, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 8 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 8 & 8 & 8 & 8 & 8 & -5 \end{bmatrix}$$

$$609, 60, \begin{bmatrix} 2 & 4 & 10 \\ 2 & -1 & 0 \\ 1 & 2 & -1 \end{bmatrix}$$

$$610, 1670, \begin{bmatrix} 1 & 3 & 18 \\ 3 & -1 & 0 \\ 9 & 27 & -5 \end{bmatrix}$$

$$611, 87, \begin{bmatrix} 6 & 15 \\ 5 & -2 \end{bmatrix}$$

$$612, 1180, \begin{bmatrix} 1 & 1 & 2 & 2 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 7 & 7 & 14 & 14 & -10 \end{bmatrix}$$

$$613, 112, [112]$$

$$614, 3970, \begin{bmatrix} 1 & 63 \\ 63 & -1 \end{bmatrix}$$

$$615, 182, \begin{bmatrix} 2 & 3 & 13 \\ 3 & -2 & 0 \\ 2 & 3 & -1 \end{bmatrix}$$

$$616, 1056, \begin{bmatrix} 1 & 1 & 1 & 4 & 5 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & -2 & 1 \\ 7 & 7 & 7 & 6 & -9 \end{bmatrix}$$

$$617, 113, [113]$$

$$618, 3670, \begin{bmatrix} 1 & 2 & 27 \\ 2 & -1 & 0 \\ 27 & 54 & -5 \end{bmatrix}$$

$$619, 114, [114]$$

$$620, 264, \begin{bmatrix} 1 & 1 & 3 & 11 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 3 & -1 \\ 3 & 3 & -2 & 0 \end{bmatrix}$$

$$621, 186, \begin{bmatrix} 2 & 2 & 2 & 9 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 3 & 3 & 3 & -2 \end{bmatrix}$$

$$622, 4097, \begin{bmatrix} 1 & 64 \\ 64 & -1 \end{bmatrix}$$

$$623, 148, \begin{bmatrix} 4 & 24 \\ 6 & -1 \end{bmatrix}$$

$$624, 528, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 6 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & -1 \\ 2 & 2 & 2 & 2 & -7 & 1 \end{bmatrix}$$

$$625, 24, \begin{bmatrix} 3 & 3 & 3 & 3 \\ 1 & 0 & 0 & -1 \\ 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 \end{bmatrix}$$

$$626, 4226, \begin{bmatrix} 1 & 65 \\ 65 & -1 \end{bmatrix}$$

$$627, 186, \begin{bmatrix} 2 & 5 & 8 \\ 7 & 2 & -3 \\ 1 & -2 & 1 \end{bmatrix}$$

$$628, 2742, \begin{bmatrix} 1 & 1 & 37 \\ 1 & -1 & 0 \\ 37 & 37 & -2 \end{bmatrix}$$

$$629, 193, \begin{bmatrix} 7 & 12 \\ 12 & -7 \end{bmatrix}$$

$$630, 544, \begin{bmatrix} 1 & 2 & 2 & 3 & 4 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & -2 \\ 9 & 1 & 1 & -7 & 2 \end{bmatrix}$$

$$631, 115, [115]$$

$$632, 2922, \begin{bmatrix} 1 & 1 & 1 & 22 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 22 & 22 & 22 & -3 \end{bmatrix}$$

$$633, 2213, \begin{bmatrix} 2 & 47 \\ 47 & -2 \end{bmatrix}$$

$$634, 4357, \begin{bmatrix} 1 & 66 \\ 66 & -1 \end{bmatrix}$$

$$635, 970, \begin{bmatrix} 3 & 31 \\ 31 & -3 \end{bmatrix}$$

$$636, 786, \begin{bmatrix} 1 & 1 & 2 & 16 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 8 & 8 & 16 & -3 \end{bmatrix}$$

$$637, 68, \begin{bmatrix} 4 & 4 & 6 \\ 1 & -1 & 0 \\ 3 & 3 & -4 \end{bmatrix}$$

$$638, 630, \begin{bmatrix} 1 & 5 & 10 \\ 5 & -3 & 1 \\ 5 & 7 & -4 \end{bmatrix}$$

$$639, 204, \begin{bmatrix} 2 & 2 & 20 \\ 1 & -1 & 0 \\ 5 & 5 & -1 \end{bmatrix}$$

$$640, 512, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 3 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & 1 & 1 & 0 & 0 & -1 \\ 1 & 1 & -1 & 1 & -1 & 1 & 1 & -1 \\ 1 & 1 & 1 & -3 & 1 & 1 & 1 & -1 \end{bmatrix}$$

641, 116, [116]

$$642, 3945, \begin{bmatrix} 1 & 2 & 28 \\ 2 & -1 & 0 \\ 28 & 56 & -5 \end{bmatrix}$$

643, 117, [117]

$$644, 198, \begin{bmatrix} 1 & 1 & 4 & 9 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 1 & 1 & 4 & -2 \end{bmatrix}$$

$$645, 2717, \begin{bmatrix} 2 & 3 & 14 \\ 3 & -2 & 0 \\ 28 & 42 & -13 \end{bmatrix}$$

$$646, 114, \begin{bmatrix} 1 & 7 & 8 \\ 5 & -3 & 2 \\ 1 & 1 & -1 \end{bmatrix}$$

647, 118, [118]

$$648, 912, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 & 2 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & -1 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 0 & 1 & -1 & -1 & 1 \\ 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 8 & 8 & 8 & -3 & -3 & -3 & -3 \end{bmatrix}$$

$$649, 314, \begin{bmatrix} 5 & 17 \\ 17 & -5 \end{bmatrix}$$

$$650, 330, \begin{bmatrix} 1 & 3 & 3 & 6 \\ 0 & 1 & -1 & 0 \\ 0 & 1 & 1 & -1 \\ 18 & -1 & -1 & -2 \end{bmatrix}$$

$$651, 705, \begin{bmatrix} 2 & 4 & 11 \\ 2 & -1 & 0 \\ 11 & 22 & -10 \end{bmatrix}$$

$$652, 1446, \begin{bmatrix} 1 & 1 & 38 \\ 1 & -1 & 0 \\ 19 & 19 & -1 \end{bmatrix}$$

653, 119, [119]

$$654, 4230, \begin{bmatrix} 1 & 2 & 29 \\ 2 & -1 & 0 \\ 29 & 58 & -5 \end{bmatrix}$$

$$655, 1033, \begin{bmatrix} 3 & 32 \\ 32 & -3 \end{bmatrix}$$

$$656, 1384, \begin{bmatrix} 1 & 1 & 1 & 1 & 13 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 13 & 13 & 13 & 13 & -4 \end{bmatrix}$$

$$657, 898, \begin{bmatrix} 2 & 2 & 21 \\ 1 & -1 & 0 \\ 21 & 21 & -4 \end{bmatrix}$$

$$658, 2178, \begin{bmatrix} 1 & 4 & 15 \\ 1 & -4 & 1 \\ 32 & 7 & -4 \end{bmatrix}$$

$$659, 120, [120]$$

$$660, 160, \begin{bmatrix} 1 & 1 & 2 & 3 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 1 & -1 \\ 1 & 1 & 2 & -2 & 0 \\ 1 & 1 & -2 & -1 & 1 \end{bmatrix}$$

$$661, 121, [121]$$

$$662, 4490, \begin{bmatrix} 1 & 67 \\ 67 & -1 \end{bmatrix}$$

$$663, 801, \begin{bmatrix} 2 & 6 & 7 \\ 1 & 2 & -2 \\ 26 & -11 & 2 \end{bmatrix}$$

$$664, 3192, \begin{bmatrix} 1 & 1 & 1 & 23 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 23 & 23 & 23 & -3 \end{bmatrix}$$

$$665, 445, \begin{bmatrix} 3 & 4 & 8 \\ 0 & 2 & -1 \\ 20 & -3 & -6 \end{bmatrix}$$

$$666, 918, \begin{bmatrix} 1 & 2 & 2 & 12 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 4 & 8 & 8 & -3 \end{bmatrix}$$

$$667, 181, \begin{bmatrix} 9 & 10 \\ 10 & -9 \end{bmatrix}$$

$$668, 3046, \begin{bmatrix} 1 & 1 & 39 \\ 1 & -1 & 0 \\ 39 & 39 & -2 \end{bmatrix}$$

$$669, 1154, \begin{bmatrix} 2 & 48 \\ 24 & -1 \end{bmatrix}$$

$$670, 2226, \begin{bmatrix} 1 & 3 & 19 \\ 4 & 5 & -1 \\ 14 & -11 & 1 \end{bmatrix}$$

$$671, 349, \begin{bmatrix} 5 & 18 \\ 18 & -5 \end{bmatrix}$$

$$672, 1000, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 4 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 0 & 1 & 1 & 0 & -1 \\ 0 & 0 & 2 & 0 & 0 & -1 & 0 \\ 1 & 1 & -4 & 1 & 1 & -8 & 4 \end{bmatrix}$$

$$673, 122, [122]$$

$$674, 4625, \begin{bmatrix} 1 & 68 \\ 68 & -1 \end{bmatrix}$$

$$675, 60, \begin{bmatrix} 2 & 2 & 2 & 3 & 3 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & 1 & -1 & -1 \\ 1 & -2 & 1 & 0 & 0 \end{bmatrix}$$

$$676, 148, \begin{bmatrix} 1 & 1 & 6 & 6 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 6 & 6 & -1 & -1 \end{bmatrix}$$

677, 123, [123]

$$678, 905, \begin{bmatrix} 1 & 2 & 30 \\ 2 & -1 & 0 \\ 6 & 12 & -1 \end{bmatrix}$$

$$679, 641, \begin{bmatrix} 4 & 25 \\ 25 & -4 \end{bmatrix}$$

$$680, 1464, \begin{bmatrix} 1 & 1 & 1 & 3 & 7 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 7 & 7 & 7 & 21 & -12 \end{bmatrix}$$

$$681, 2405, \begin{bmatrix} 2 & 49 \\ 49 & -2 \end{bmatrix}$$

$$682, 294, \begin{bmatrix} 1 & 5 & 11 \\ 9 & -4 & 1 \\ 1 & 2 & -1 \end{bmatrix}$$

683, 124, [124]

$$684, 740, \begin{bmatrix} 1 & 1 & 2 & 2 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 4 & 4 & 8 & 8 & -5 \end{bmatrix}$$

$$685, 366, \begin{bmatrix} 3 & 33 \\ 11 & -1 \end{bmatrix}$$

$$686, 294, \begin{bmatrix} 1 & 4 & 4 & 4 \\ 0 & 1 & 0 & -1 \\ 0 & 1 & -2 & 1 \\ 12 & -1 & -1 & -1 \end{bmatrix}$$

$$687, 1252, \begin{bmatrix} 2 & 50 \\ 25 & -1 \end{bmatrix}$$

$$688, 800, \begin{bmatrix} 1 & 1 & 1 & 1 & 14 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 7 & 7 & 7 & 7 & -2 \end{bmatrix}$$

$$689, 146, \begin{bmatrix} 6 & 16 \\ 8 & -3 \end{bmatrix}$$

$$690, 950, \begin{bmatrix} 1 & 2 & 3 & 9 \\ 2 & -1 & 0 & 0 \\ 0 & 0 & 3 & -1 \\ 6 & 12 & -1 & -3 \end{bmatrix}$$

$$691, 125, [125]$$

$$692, 1602, \begin{bmatrix} 1 & 1 & 40 \\ 1 & -1 & 0 \\ 20 & 20 & -1 \end{bmatrix}$$

$$693, 294, \begin{bmatrix} 2 & 2 & 4 & 5 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 5 & 5 & 10 & -12 \end{bmatrix}$$

$$694, 4762, \begin{bmatrix} 1 & 69 \\ 69 & -1 \end{bmatrix}$$

$$695, 1165, \begin{bmatrix} 3 & 34 \\ 34 & -3 \end{bmatrix}$$

$$696, 4494, \begin{bmatrix} 1 & 1 & 1 & 2 & 10 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 10 & 10 & 10 & 20 & -7 \end{bmatrix}$$

$$697, 218, \begin{bmatrix} 7 & 13 \\ 13 & -7 \end{bmatrix}$$

$$698, 4901, \begin{bmatrix} 1 & 70 \\ 70 & -1 \end{bmatrix}$$

$$699, 2605, \begin{bmatrix} 2 & 51 \\ 51 & -2 \end{bmatrix}$$

$$700, 216, \begin{bmatrix} 1 & 1 & 3 & 3 & 4 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & 0 & 0 & -1 \\ 1 & 1 & -3 & -3 & 4 \end{bmatrix}$$

$$701, 126, [126]$$

$$702, 1176, \begin{bmatrix} 1 & 2 & 2 & 2 & 6 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & 1 & 1 & -1 \\ 0 & 1 & -2 & 1 & 0 \\ 24 & -1 & -1 & -1 & -3 \end{bmatrix}$$

$$703, 52, \begin{bmatrix} 8 & 12 \\ 3 & -2 \end{bmatrix}$$

$$704, 1488, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 5 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 5 & 5 & 5 & 5 & 5 & 5 & -6 \end{bmatrix}$$

$$705, 2618, \begin{bmatrix} 2 & 3 & 15 \\ 12 & -3 & -1 \\ 3 & 13 & -3 \end{bmatrix}$$

$$706, 5042, \begin{bmatrix} 1 & 71 \\ 71 & -1 \end{bmatrix}$$

$$707, 346, \begin{bmatrix} 4 & 26 \\ 13 & -2 \end{bmatrix}$$

$$708, 1770, \begin{bmatrix} 1 & 1 & 2 & 17 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 17 & 17 & 34 & -6 \end{bmatrix}$$

$$709, 127, [127]$$

$$710, 410, \begin{bmatrix} 1 & 3 & 20 \\ 3 & -1 & 0 \\ 2 & 6 & -1 \end{bmatrix}$$

$$711, 492, \begin{bmatrix} 2 & 2 & 22 \\ 1 & -1 & 0 \\ 11 & 11 & -2 \end{bmatrix}$$

$$712, 1158, \begin{bmatrix} 1 & 1 & 1 & 24 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 8 & 8 & 8 & -1 \end{bmatrix}$$

$$713, 202, \begin{bmatrix} 9 & 11 \\ 11 & -9 \end{bmatrix}$$

$$714, 280, \begin{bmatrix} 1 & 2 & 4 & 7 \\ 1 & 1 & 1 & -1 \\ 3 & 1 & -3 & 1 \\ 2 & -3 & 1 & 0 \end{bmatrix}$$

$$715, 70, \begin{bmatrix} 3 & 5 & 6 \\ 2 & 0 & -1 \\ 1 & -3 & 2 \end{bmatrix}$$

$$716, 3366, \begin{bmatrix} 1 & 1 & 41 \\ 1 & -1 & 0 \\ 41 & 41 & -2 \end{bmatrix}$$

$$717, 1354, \begin{bmatrix} 2 & 52 \\ 26 & -1 \end{bmatrix}$$

$$718, 5185, \begin{bmatrix} 1 & 72 \\ 72 & -1 \end{bmatrix}$$

$$719, 128, [128]$$

$$720, 336, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 3 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 0 \\ 1 & 1 & 1 & 1 & 2 & 2 & -4 \end{bmatrix}$$

$$721, 745, \begin{bmatrix} 4 & 27 \\ 27 & -4 \end{bmatrix}$$

$$722, 258, \begin{bmatrix} 1 & 8 & 8 \\ 0 & 1 & -1 \\ 16 & -1 & -1 \end{bmatrix}$$

$$723, 2813, \begin{bmatrix} 2 & 53 \\ 53 & -2 \end{bmatrix}$$

$$724, 1766, \begin{bmatrix} 1 & 1 & 42 \\ 1 & -1 & 0 \\ 21 & 21 & -1 \end{bmatrix}$$

$$725, 118, \begin{bmatrix} 3 & 3 & 10 \\ 1 & -1 & 0 \\ 5 & 5 & -3 \end{bmatrix}$$

$$726, 110, \begin{bmatrix} 1 & 2 & 5 & 5 \\ 0 & 0 & 1 & -1 \\ 2 & -1 & 0 & 0 \\ 2 & 4 & -1 & -1 \end{bmatrix}$$

$$727, 129, [129]$$

$$728, 440, \begin{bmatrix} 1 & 1 & 1 & 4 & 6 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & 1 & -1 \\ 2 & 2 & 2 & -3 & 1 \\ 1 & -4 & 1 & -1 & 1 \end{bmatrix}$$

$$729, 96, \begin{bmatrix} 2 & 2 & 2 & 2 & 2 & 2 \\ 1 & 0 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 1 & 0 & -1 & -1 & 0 & 1 \\ 1 & -2 & 1 & 1 & -2 & 1 \end{bmatrix}$$

$$730, 4510, \begin{bmatrix} 1 & 3 & 21 \\ 3 & -1 & 0 \\ 21 & 63 & -10 \end{bmatrix}$$

$$731, 35, \begin{bmatrix} 7 & 14 \\ 2 & -1 \end{bmatrix}$$

$$732, 330, \begin{bmatrix} 1 & 1 & 2 & 18 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 3 & 3 & 6 & -1 \end{bmatrix}$$

$$733, 130, [130]$$

$$734, 5330, \begin{bmatrix} 1 & 73 \\ 73 & -1 \end{bmatrix}$$

$$735, 270, \begin{bmatrix} 2 & 3 & 4 & 4 \\ 1 & -2 & 1 & 0 \\ 2 & 0 & -2 & 1 \\ 3 & 2 & 1 & -4 \end{bmatrix}$$

$$736, 3440, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 9 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 9 & 9 & 9 & 9 & 9 & -5 \end{bmatrix}$$

$$737, 386, \begin{bmatrix} 5 & 19 \\ 19 & -5 \end{bmatrix}$$

$$738, 3204, \begin{bmatrix} 1 & 2 & 2 & 13 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 13 & 26 & 26 & -9 \end{bmatrix}$$

$$739, 131, [131]$$

$$740, 3410, \begin{bmatrix} 1 & 1 & 3 & 12 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -6 & 1 \\ 15 & 15 & 14 & -6 \end{bmatrix}$$

$$741, 156, \begin{bmatrix} 2 & 6 & 8 \\ 1 & 1 & -1 \\ 7 & -5 & 2 \end{bmatrix}$$

$$742, 546, \begin{bmatrix} 1 & 4 & 16 \\ 4 & -5 & 1 \\ 4 & 3 & -1 \end{bmatrix}$$

743, 132, [132]

$$744, 3072, \begin{bmatrix} 1 & 1 & 1 & 2 & 11 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & -1 & 0 \\ 1 & 5 & 1 & 2 & -1 \\ 7 & -9 & 7 & 14 & -3 \end{bmatrix}$$

$$745, 1234, \begin{bmatrix} 3 & 35 \\ 35 & -3 \end{bmatrix}$$

$$746, 5477, \begin{bmatrix} 1 & 74 \\ 74 & -1 \end{bmatrix}$$

$$747, 1074, \begin{bmatrix} 2 & 2 & 23 \\ 1 & -1 & 0 \\ 23 & 23 & -4 \end{bmatrix}$$

$$748, 152, \begin{bmatrix} 1 & 1 & 5 & 7 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -4 & 2 \\ 1 & 1 & 1 & -1 \end{bmatrix}$$

$$749, 200, \begin{bmatrix} 4 & 28 \\ 7 & -1 \end{bmatrix}$$

$$750, 384, \begin{bmatrix} 1 & 2 & 3 & 3 & 3 \\ 0 & 0 & 1 & 0 & -1 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & -1 & 1 \\ 7 & -2 & -3 & 5 & -3 \end{bmatrix}$$

751, 133, [133]

$$752, 1832, \begin{bmatrix} 1 & 1 & 1 & 1 & 15 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 15 & 15 & 15 & 15 & -4 \end{bmatrix}$$

$$753, 1460, \begin{bmatrix} 2 & 54 \\ 27 & -1 \end{bmatrix}$$

$$754, 1233, \begin{bmatrix} 1 & 6 & 10 \\ 2 & -2 & 1 \\ 26 & 19 & -14 \end{bmatrix}$$

$$755, 435, \begin{bmatrix} 3 & 36 \\ 12 & -1 \end{bmatrix}$$

$$756, 180, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 4 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 1 & -1 \\ 2 & 2 & -1 & 4 & -1 & -2 \end{bmatrix}$$

$$757, 134, [134]$$

$$758, 5626, \begin{bmatrix} 1 & 75 \\ 75 & -1 \end{bmatrix}$$

$$759, 330, \begin{bmatrix} 2 & 5 & 9 \\ 7 & -10 & 4 \\ 2 & 1 & -1 \end{bmatrix}$$

$$760, 456, \begin{bmatrix} 1 & 1 & 1 & 3 & 8 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & 6 & -3 \end{bmatrix}$$

$$761, 135, [135]$$

$$762, 4830, \begin{bmatrix} 1 & 2 & 31 \\ 2 & -1 & 0 \\ 31 & 62 & -5 \end{bmatrix}$$

$$763, 857, \begin{bmatrix} 4 & 29 \\ 29 & -4 \end{bmatrix}$$

$$764, 3702, \begin{bmatrix} 1 & 1 & 43 \\ 1 & -1 & 0 \\ 43 & 43 & -2 \end{bmatrix}$$

$$765, 264, \begin{bmatrix} 2 & 2 & 3 & 7 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 \\ 5 & 5 & -9 & 1 \end{bmatrix}$$

$$766, 5777, \begin{bmatrix} 1 & 76 \\ 76 & -1 \end{bmatrix}$$

$$767, 325, \begin{bmatrix} 6 & 17 \\ 17 & -6 \end{bmatrix}$$

$$768, 576, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 0 & 1 & 0 & -1 & -1 & 0 & 1 & 0 & 0 \\ 1 & -1 & -1 & -1 & -1 & -1 & -1 & 1 & 2 \\ 0 & 1 & -2 & 1 & 1 & -2 & 1 & 0 & 0 \end{bmatrix}$$

769, 136, [136]

$$770, 153, \begin{bmatrix} 1 & 3 & 4 & 5 \\ 1 & 1 & -1 & 0 \\ 1 & 0 & 1 & -1 \\ 4 & -5 & -1 & 3 \end{bmatrix}$$

$$771, 3029, \begin{bmatrix} 2 & 55 \\ 55 & -2 \end{bmatrix}$$

$$772, 1938, \begin{bmatrix} 1 & 1 & 44 \\ 1 & -1 & 0 \\ 22 & 22 & -1 \end{bmatrix}$$

$$773, 137, [137]$$

$$774, 3690, \begin{bmatrix} 1 & 2 & 2 & 14 \\ 0 & 1 & -1 & 0 \\ 6 & 2 & 2 & -1 \\ 12 & -17 & -17 & 4 \end{bmatrix}$$

$$775, 278, \begin{bmatrix} 3 & 3 & 11 \\ 1 & -1 & 0 \\ 11 & 11 & -6 \end{bmatrix}$$

$$776, 3768, \begin{bmatrix} 1 & 1 & 1 & 25 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 25 & 25 & 25 & -3 \end{bmatrix}$$

$$777, 410, \begin{bmatrix} 2 & 4 & 12 \\ 2 & -1 & 0 \\ 6 & 12 & -5 \end{bmatrix}$$

$$778, 5930, \begin{bmatrix} 1 & 77 \\ 77 & -1 \end{bmatrix}$$

$$779, 233, \begin{bmatrix} 8 & 13 \\ 13 & -8 \end{bmatrix}$$

$$780, 510, \begin{bmatrix} 1 & 1 & 2 & 3 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 2 & 2 & 4 & 6 & -5 \end{bmatrix}$$

$$781, 85, \begin{bmatrix} 5 & 20 \\ 4 & -1 \end{bmatrix}$$

$$782, 786, \begin{bmatrix} 1 & 7 & 9 \\ 2 & 1 & -1 \\ 16 & -19 & 13 \end{bmatrix}$$

$$783, 336, \begin{bmatrix} 2 & 2 & 2 & 10 \\ 1 & 0 & -1 & 0 \\ 1 & 3 & 1 & -1 \\ 4 & -3 & 4 & -1 \end{bmatrix}$$

$$784, 144, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 4 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 2 & 2 & 2 & 2 & -1 & -1 \end{bmatrix}$$

$$785, 1378, \begin{bmatrix} 3 & 37 \\ 37 & -3 \end{bmatrix}$$

$$786, 5145, \begin{bmatrix} 1 & 2 & 32 \\ 2 & -1 & 0 \\ 32 & 64 & -5 \end{bmatrix}$$

$$787, 138, [138]$$

$$788, 4054, \begin{bmatrix} 1 & 1 & 45 \\ 1 & -1 & 0 \\ 45 & 45 & -2 \end{bmatrix}$$

$$789, 1570, \begin{bmatrix} 2 & 56 \\ 28 & -1 \end{bmatrix}$$

$$790, 2470, \begin{bmatrix} 1 & 3 & 22 \\ 3 & -1 & 0 \\ 11 & 33 & -5 \end{bmatrix}$$

$$791, 458, \begin{bmatrix} 4 & 30 \\ 15 & -2 \end{bmatrix}$$

$$792, 432, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 5 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & -2 & -2 & 1 \\ 2 & 2 & 2 & 1 & 1 & -2 \end{bmatrix}$$

$$793, 60, \begin{bmatrix} 6 & 18 \\ 3 & -1 \end{bmatrix}$$

$$794, 6085, \begin{bmatrix} 1 & 78 \\ 78 & -1 \end{bmatrix}$$

$$795, 3497, \begin{bmatrix} 2 & 3 & 16 \\ 3 & -2 & 0 \\ 32 & 48 & -13 \end{bmatrix}$$

$$796, 2118, \begin{bmatrix} 1 & 1 & 46 \\ 1 & -1 & 0 \\ 23 & 23 & -1 \end{bmatrix}$$

$$797, 139, [139]$$

$$798, 425, \begin{bmatrix} 1 & 2 & 4 & 8 \\ 2 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 4 & 8 & -1 & -2 \end{bmatrix}$$

$$799, 274, \begin{bmatrix} 7 & 15 \\ 15 & -7 \end{bmatrix}$$

$$800, 1840, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 3 & 3 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 & 0 \\ 6 & 6 & 6 & 6 & 6 & -5 & -5 \end{bmatrix}$$

$$801, 292, \begin{bmatrix} 2 & 2 & 24 \\ 1 & -1 & 0 \\ 6 & 6 & -1 \end{bmatrix}$$

$$802, 6242, \begin{bmatrix} 1 & 79 \\ 79 & -1 \end{bmatrix}$$

$$803, 466, \begin{bmatrix} 5 & 21 \\ 21 & -5 \end{bmatrix}$$

$$804, 2202, \begin{bmatrix} 1 & 1 & 2 & 19 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 19 & 19 & 38 & -6 \end{bmatrix}$$

$$805, 530, \begin{bmatrix} 3 & 4 & 9 \\ 3 & 0 & -1 \\ 2 & -15 & 6 \end{bmatrix}$$

$$806, 474, \begin{bmatrix} 1 & 6 & 11 \\ 14 & 5 & -4 \\ 1 & -2 & 1 \end{bmatrix}$$

$$807, 3253, \begin{bmatrix} 2 & 57 \\ 57 & -2 \end{bmatrix}$$

$$808, 4074, \begin{bmatrix} 1 & 1 & 1 & 26 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 26 & 26 & 26 & -3 \end{bmatrix}$$

809, 140, [140]

$$810, 624, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 3 \\ 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 \\ 1 & 1 & -2 & -2 & 1 & 1 \\ 7 & 1 & 1 & 1 & 1 & -5 \end{bmatrix}$$

811, 141, [141]

$$812, 826, \begin{bmatrix} 1 & 1 & 4 & 10 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -1 \\ 12 & 12 & -11 & 2 \end{bmatrix}$$

$$813, 1684, \begin{bmatrix} 2 & 58 \\ 29 & -1 \end{bmatrix}$$

$$814, 510, \begin{bmatrix} 1 & 5 & 12 \\ 7 & 1 & -1 \\ 1 & -5 & 2 \end{bmatrix}$$

$$815, 1453, \begin{bmatrix} 3 & 38 \\ 38 & -3 \end{bmatrix}$$

$$816, 1824, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 7 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 7 & 7 & 7 & 7 & 14 & -8 \end{bmatrix}$$

$$817, 130, \begin{bmatrix} 8 & 14 \\ 7 & -4 \end{bmatrix}$$

$$818, 6401, \begin{bmatrix} 1 & 80 \\ 80 & -1 \end{bmatrix}$$

$$819, 60, \begin{bmatrix} 2 & 2 & 4 & 6 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 1 & 1 & 2 & -2 \end{bmatrix}$$

$$820, 1080, \begin{bmatrix} 1 & 1 & 3 & 13 \\ 2 & 1 & -1 & 0 \\ 3 & -2 & 4 & -1 \\ 1 & -5 & -3 & 1 \end{bmatrix}$$

821, 142, [142]

$$822, 5470, \begin{bmatrix} 1 & 2 & 33 \\ 2 & -1 & 0 \\ 33 & 66 & -5 \end{bmatrix}$$

823, 143, [143]

$$824, 1464, \begin{bmatrix} 1 & 1 & 1 & 27 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 9 & 9 & 9 & -1 \end{bmatrix}$$

$$825, 470, \begin{bmatrix} 2 & 3 & 3 & 5 \\ 0 & 1 & -1 & 0 \\ 2 & 1 & 1 & -2 \\ 11 & -7 & -7 & 4 \end{bmatrix}$$

$$826, 306, \begin{bmatrix} 1 & 4 & 17 \\ 4 & -1 & 0 \\ 1 & 4 & -1 \end{bmatrix}$$

827, 144, [144]

$$828, 1456, \begin{bmatrix} 1 & 1 & 2 & 2 & 9 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & -5 & -5 & 2 \\ 7 & 7 & 1 & 1 & -2 \end{bmatrix}$$

829, 145, [145]

$$830, 3234, \begin{bmatrix} 1 & 3 & 23 \\ 1 & -8 & 1 \\ 17 & 2 & -1 \end{bmatrix}$$

$$831, 3485, \begin{bmatrix} 2 & 59 \\ 59 & -2 \end{bmatrix}$$

$$832, 336, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 6 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -1 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \end{bmatrix}$$

$$833, 162, \begin{bmatrix} 4 & 4 & 7 \\ 1 & -1 & 0 \\ 7 & 7 & -8 \end{bmatrix}$$

$$834, 5805, \begin{bmatrix} 1 & 2 & 34 \\ 2 & -1 & 0 \\ 34 & 68 & -5 \end{bmatrix}$$

$$835, 510, \begin{bmatrix} 3 & 39 \\ 13 & -1 \end{bmatrix}$$

$$836, 182, \begin{bmatrix} 1 & 1 & 5 & 8 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 2 & -2 \\ 1 & 1 & -2 & 1 \end{bmatrix}$$

$$837, 798, \begin{bmatrix} 2 & 2 & 2 & 11 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 11 & 11 & 11 & -6 \end{bmatrix}$$

$$838, 6562, \begin{bmatrix} 1 & 81 \\ 81 & -1 \end{bmatrix}$$

839, 146, [146]

$$840, 768, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 4 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 1 & -1 \\ 1 & 1 & 1 & 0 & -1 & 0 \\ 1 & -1 & 1 & -2 & 1 & 0 \\ 3 & -5 & 3 & 6 & 1 & -4 \end{bmatrix}$$

$$841, 20, \begin{bmatrix} 10 & 10 \\ 1 & -1 \end{bmatrix}$$

$$842, 6725, \begin{bmatrix} 1 & 82 \\ 82 & -1 \end{bmatrix}$$

$$843, 1802, \begin{bmatrix} 2 & 60 \\ 30 & -1 \end{bmatrix}$$

$$844, 4422, \begin{bmatrix} 1 & 1 & 47 \\ 1 & -1 & 0 \\ 47 & 47 & -2 \end{bmatrix}$$

$$845, 54, \begin{bmatrix} 3 & 6 & 6 \\ 0 & 1 & -1 \\ 4 & -1 & -1 \end{bmatrix}$$

$$846, 1404, \begin{bmatrix} 1 & 2 & 2 & 15 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 5 & 10 & 10 & -3 \end{bmatrix}$$

$$847, 66, \begin{bmatrix} 4 & 5 & 5 \\ 0 & 1 & -1 \\ 5 & -2 & -2 \end{bmatrix}$$

$$848, 520, \begin{bmatrix} 1 & 1 & 1 & 1 & 16 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 4 & 4 & 4 & 4 & -1 \end{bmatrix}$$

$$849, 3725, \begin{bmatrix} 2 & 61 \\ 61 & -2 \end{bmatrix}$$

$$850, 136, \begin{bmatrix} 1 & 3 & 3 & 7 \\ 0 & 1 & -1 & 0 \\ 5 & -2 & -2 & 1 \\ 1 & 1 & 1 & -1 \end{bmatrix}$$

$$851, 75, \begin{bmatrix} 9 & 12 \\ 4 & -3 \end{bmatrix}$$

$$852, 1218, \begin{bmatrix} 1 & 1 & 2 & 20 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 10 & 10 & 20 & -3 \end{bmatrix}$$

$$853, 147, [147]$$

$$854, 5797, \begin{bmatrix} 1 & 4 & 18 \\ 4 & -1 & 0 \\ 18 & 72 & -17 \end{bmatrix}$$

$$855, 486, \begin{bmatrix} 2 & 2 & 3 & 8 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 0 & -1 \\ 1 & 1 & -12 & 4 \end{bmatrix}$$

$$856, 4722, \begin{bmatrix} 1 & 1 & 1 & 28 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 28 & 28 & 28 & -3 \end{bmatrix}$$

$$857, 148, [148]$$

$$858, 198, \begin{bmatrix} 1 & 2 & 5 & 6 \\ 1 & 0 & 1 & -1 \\ 1 & 2 & -1 & 0 \\ 4 & -3 & -2 & 2 \end{bmatrix}$$

$$859, 149, [149]$$

$$860, 2070, \begin{bmatrix} 1 & 1 & 3 & 14 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & -8 & 1 \\ 5 & 5 & 6 & -2 \end{bmatrix}$$

$$861, 945, \begin{bmatrix} 2 & 4 & 13 \\ 2 & -1 & 0 \\ 13 & 26 & -10 \end{bmatrix}$$

$$862, 6890, \begin{bmatrix} 1 & 83 \\ 83 & -1 \end{bmatrix}$$

$$863, 150, [150]$$

$$864, 3672, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 2 & 2 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 0 & 2 & 0 \\ 4 & 4 & 4 & 4 & 4 & -9 & 8 & -9 \end{bmatrix}$$

$$865, 1609, \begin{bmatrix} 3 & 40 \\ 40 & -3 \end{bmatrix}$$

$$866, 7057, \begin{bmatrix} 1 & 84 \\ 84 & -1 \end{bmatrix}$$

$$867, 102, \begin{bmatrix} 2 & 7 & 7 \\ 0 & 1 & -1 \\ 7 & -1 & -1 \end{bmatrix}$$

$$868, 2502, \begin{bmatrix} 1 & 1 & 4 & 11 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 11 & 11 & 44 & -18 \end{bmatrix}$$

$$869, 509, \begin{bmatrix} 5 & 22 \\ 22 & -5 \end{bmatrix}$$

$$870, 1026, \begin{bmatrix} 1 & 2 & 3 & 10 \\ 1 & 1 & -1 & 0 \\ 0 & 2 & 2 & -1 \\ 15 & -8 & 7 & -2 \end{bmatrix}$$

$$871, 397, \begin{bmatrix} 6 & 19 \\ 19 & -6 \end{bmatrix}$$

$$872, 5064, \begin{bmatrix} 1 & 1 & 1 & 29 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 29 & 29 & 29 & -3 \end{bmatrix}$$

$$873, 1266, \begin{bmatrix} 2 & 2 & 25 \\ 1 & -1 & 0 \\ 25 & 25 & -4 \end{bmatrix}$$

$$874, 438, \begin{bmatrix} 1 & 8 & 9 \\ 17 & -10 & 7 \\ 1 & 1 & -1 \end{bmatrix}$$

$$875, 258, \begin{bmatrix} 3 & 3 & 3 & 4 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 4 & 4 & 4 & -9 \end{bmatrix}$$

$$876, 894, \begin{bmatrix} 1 & 1 & 2 & 21 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 7 & 7 & 14 & -2 \end{bmatrix}$$

877, 151, [151]

$$878, 7226, \begin{bmatrix} 1 & 85 \\ 85 & -1 \end{bmatrix}$$

$$879, 1924, \begin{bmatrix} 2 & 62 \\ 31 & -1 \end{bmatrix}$$

$$880, 912, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 5 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 2 & -2 \\ 4 & 4 & 4 & 4 & -7 & 1 \end{bmatrix}$$

881, 152, [152]

$$882, 820, \begin{bmatrix} 1 & 2 & 2 & 4 & 4 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 0 & 2 & 2 & -1 & -1 \\ 20 & -1 & -1 & -2 & -2 \end{bmatrix}$$

883, 153, [153]

$$884, 870, \begin{bmatrix} 1 & 1 & 6 & 7 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 \\ 13 & 13 & -9 & 4 \end{bmatrix}$$

$$885, 3926, \begin{bmatrix} 2 & 3 & 17 \\ 4 & 3 & -1 \\ 27 & -35 & 3 \end{bmatrix}$$

$$886, 7397, \begin{bmatrix} 1 & 86 \\ 86 & -1 \end{bmatrix}$$

887, 154, [154]

$$888, 6342, \begin{bmatrix} 1 & 1 & 1 & 2 & 12 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 12 & 12 & 12 & 24 & -7 \end{bmatrix}$$

$$889, 977, \begin{bmatrix} 4 & 31 \\ 31 & -4 \end{bmatrix}$$

$$890, 2930, \begin{bmatrix} 1 & 3 & 24 \\ 3 & -1 & 0 \\ 12 & 36 & -5 \end{bmatrix}$$

$$891, 328, \begin{bmatrix} 2 & 2 & 2 & 2 & 5 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 5 & 5 & 5 & 5 & -8 \end{bmatrix}$$

$$892, 2306, \begin{bmatrix} 1 & 1 & 48 \\ 1 & -1 & 0 \\ 24 & 24 & -1 \end{bmatrix}$$

$$893, 289, \begin{bmatrix} 8 & 15 \\ 15 & -8 \end{bmatrix}$$

$$894, 1230, \begin{bmatrix} 1 & 2 & 35 \\ 2 & -1 & 0 \\ 7 & 14 & -1 \end{bmatrix}$$

$$895, 1690, \begin{bmatrix} 3 & 41 \\ 41 & -3 \end{bmatrix}$$

$$896, 5520, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 4 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & 0 & 0 & 0 & 1 & 1 & -1 \\ 0 & 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 3 & 3 & -20 & -20 & -20 & 3 & 3 & 12 \end{bmatrix}$$

$$897, 1210, \begin{bmatrix} 2 & 6 & 9 \\ 3 & -1 & 0 \\ 9 & 27 & -20 \end{bmatrix}$$

$$898, 7570, \begin{bmatrix} 1 & 87 \\ 87 & -1 \end{bmatrix}$$

$$899, 221, \begin{bmatrix} 10 & 11 \\ 11 & -10 \end{bmatrix}$$

$$900, 336, \begin{bmatrix} 1 & 1 & 2 & 2 & 3 & 3 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & -2 & -2 & 1 & 1 \\ 4 & 4 & 1 & 1 & -2 & -2 \end{bmatrix}$$

$$901, 305, \begin{bmatrix} 7 & 16 \\ 16 & -7 \end{bmatrix}$$

$$902, 390, \begin{bmatrix} 1 & 5 & 13 \\ 5 & -1 & 0 \\ 1 & 5 & -2 \end{bmatrix}$$

$$903, 324, \begin{bmatrix} 2 & 4 & 14 \\ 5 & 1 & -1 \\ 1 & -4 & 1 \end{bmatrix}$$

$$904, 1806, \begin{bmatrix} 1 & 1 & 1 & 30 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 10 & 10 & 10 & -1 \end{bmatrix}$$

$$905, 591, \begin{bmatrix} 3 & 42 \\ 14 & -1 \end{bmatrix}$$

$$906, 6505, \begin{bmatrix} 1 & 2 & 36 \\ 2 & -1 & 0 \\ 36 & 72 & -5 \end{bmatrix}$$

$$907, 155, [155]$$

$$908, 4806, \begin{bmatrix} 1 & 1 & 49 \\ 1 & -1 & 0 \\ 49 & 49 & -2 \end{bmatrix}$$

$$909, 684, \begin{bmatrix} 2 & 2 & 26 \\ 1 & -1 & 0 \\ 13 & 13 & -2 \end{bmatrix}$$

$$910, 744, \begin{bmatrix} 1 & 3 & 4 & 6 \\ 1 & -1 & -1 & 1 \\ 2 & 0 & 1 & -1 \\ 5 & 15 & -11 & -1 \end{bmatrix}$$

$$911, 156, [156]$$

$$912, 288, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 8 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 1 & 1 & 1 & 1 & 2 & -1 \end{bmatrix}$$

$$913, 554, \begin{bmatrix} 5 & 23 \\ 23 & -5 \end{bmatrix}$$

$$914, 7745, \begin{bmatrix} 1 & 88 \\ 88 & -1 \end{bmatrix}$$

$$915, 4381, \begin{bmatrix} 2 & 3 & 18 \\ 3 & -2 & 0 \\ 36 & 54 & -13 \end{bmatrix}$$

$$916, 2502, \begin{bmatrix} 1 & 1 & 50 \\ 1 & -1 & 0 \\ 25 & 25 & -1 \end{bmatrix}$$

$$917, 260, \begin{bmatrix} 4 & 32 \\ 8 & -1 \end{bmatrix}$$

$$918, 1860, \begin{bmatrix} 1 & 2 & 2 & 2 & 7 \\ 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 1 & 1 & -1 \\ 0 & 1 & -2 & 1 & 0 \\ 27 & -8 & -8 & -8 & 3 \end{bmatrix}$$

$$919, 157, [157]$$

$$920, 744, \begin{bmatrix} 1 & 1 & 1 & 3 & 9 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 3 & 3 & 3 & 9 & -4 \end{bmatrix}$$

$$921, 3973, \begin{bmatrix} 2 & 63 \\ 63 & -2 \end{bmatrix}$$

$$922, 7922, \begin{bmatrix} 1 & 89 \\ 89 & -1 \end{bmatrix}$$

$$923, 218, \begin{bmatrix} 6 & 20 \\ 10 & -3 \end{bmatrix}$$

$$924, 1880, \begin{bmatrix} 1 & 1 & 2 & 4 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & 1 & 0 & 2 & -2 \\ 11 & 11 & -25 & -3 & 8 \end{bmatrix}$$

$$925, 54, \begin{bmatrix} 3 & 3 & 12 \\ 1 & -1 & 0 \\ 2 & 2 & -1 \end{bmatrix}$$

$$926, 8101, \begin{bmatrix} 1 & 90 \\ 90 & -1 \end{bmatrix}$$

$$927, 1474, \begin{bmatrix} 2 & 2 & 27 \\ 1 & -1 & 0 \\ 27 & 27 & -4 \end{bmatrix}$$

$$928, 840, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 10 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 2 & 2 & 2 & 2 & 2 & -1 \end{bmatrix}$$

$$929, 158, [158]$$

$$930, 405, \begin{bmatrix} 1 & 2 & 3 & 11 \\ 1 & 1 & -1 & 0 \\ 4 & -1 & 3 & -1 \\ 1 & -3 & -2 & 1 \end{bmatrix}$$

$$931, 24, \begin{bmatrix} 4 & 4 & 8 \\ 1 & -1 & 0 \\ 1 & 1 & -1 \end{bmatrix}$$

$$932, 5206, \begin{bmatrix} 1 & 1 & 51 \\ 1 & -1 & 0 \\ 51 & 51 & -2 \end{bmatrix}$$

$$933, 2050, \begin{bmatrix} 2 & 64 \\ 32 & -1 \end{bmatrix}$$

$$934, 8282, \begin{bmatrix} 1 & 91 \\ 91 & -1 \end{bmatrix}$$

$$935, 498, \begin{bmatrix} 3 & 5 & 7 \\ 1 & -2 & 1 \\ 19 & 4 & -11 \end{bmatrix}$$

$$936, 3760, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 6 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & 0 & 1 & 1 & 1 & -1 \\ 1 & 2 & 1 & -1 & -1 & 0 \\ 17 & -30 & 17 & -13 & -13 & 8 \end{bmatrix}$$

$$937, 159, [159]$$

$$938, 1134, \begin{bmatrix} 1 & 4 & 19 \\ 11 & 2 & -1 \\ 1 & -5 & 1 \end{bmatrix}$$

$$939, 4229, \begin{bmatrix} 2 & 65 \\ 65 & -2 \end{bmatrix}$$

$$940, 3304, \begin{bmatrix} 1 & 1 & 3 & 15 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 3 & -1 \\ 12 & 12 & -23 & 3 \end{bmatrix}$$

$$941, 160, [160]$$

$$942, 6870, \begin{bmatrix} 1 & 2 & 37 \\ 2 & -1 & 0 \\ 37 & 74 & -5 \end{bmatrix}$$

$$943, 250, \begin{bmatrix} 9 & 13 \\ 13 & -9 \end{bmatrix}$$

$$944, 2344, \begin{bmatrix} 1 & 1 & 1 & 1 & 17 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 17 & 17 & 17 & 17 & -4 \end{bmatrix}$$

$$945, 1554, \begin{bmatrix} 2 & 2 & 2 & 3 & 4 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & 0 & -3 \\ 3 & 3 & 3 & -14 & 6 \end{bmatrix}$$

$$946, 1554, \begin{bmatrix} 1 & 5 & 14 \\ 4 & 2 & -1 \\ 11 & -19 & 6 \end{bmatrix}$$

947, 161, [161]

$$948, 1470, \begin{bmatrix} 1 & 1 & 2 & 22 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 11 & 11 & 22 & -3 \end{bmatrix}$$

$$949, 159, \begin{bmatrix} 6 & 21 \\ 7 & -2 \end{bmatrix}$$

$$950, 1162, \begin{bmatrix} 1 & 3 & 3 & 8 \\ 0 & 1 & -1 & 0 \\ 2 & 1 & 1 & -1 \\ 22 & -17 & -17 & 10 \end{bmatrix}$$

$$951, 2180, \begin{bmatrix} 2 & 66 \\ 33 & -1 \end{bmatrix}$$

$$952, 2040, \begin{bmatrix} 1 & 1 & 1 & 4 & 7 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 11 & 11 & 11 & -24 & 9 \end{bmatrix}$$

953, 162, [162]

$$954, 3710, \begin{bmatrix} 1 & 2 & 2 & 16 \\ 0 & 1 & -1 & 0 \\ 4 & 3 & 3 & -1 \\ 20 & -13 & -13 & 2 \end{bmatrix}$$

$$955, 1858, \begin{bmatrix} 3 & 43 \\ 43 & -3 \end{bmatrix}$$

$$956, 2706, \begin{bmatrix} 1 & 1 & 52 \\ 1 & -1 & 0 \\ 26 & 26 & -1 \end{bmatrix}$$

$$957, 645, \begin{bmatrix} 2 & 5 & 10 \\ 0 & 2 & -1 \\ 25 & -2 & -4 \end{bmatrix}$$

$$958, 8465, \begin{bmatrix} 1 & 92 \\ 92 & -1 \end{bmatrix}$$

$$959, 1105, \begin{bmatrix} 4 & 33 \\ 33 & -4 \end{bmatrix}$$

$$960, 4560, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 3 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -3 & 0 \\ 3 & 3 & 3 & 3 & 3 & 3 & 6 & -10 \end{bmatrix}$$

$$961, 22, \begin{bmatrix} 11 & 11 \\ 1 & -1 \end{bmatrix}$$

$$962, 905, \begin{bmatrix} 1 & 6 & 12 \\ 0 & 2 & -1 \\ 30 & -1 & -2 \end{bmatrix}$$

$$963, 396, \begin{bmatrix} 2 & 2 & 28 \\ 1 & -1 & 0 \\ 7 & 7 & -1 \end{bmatrix}$$

$$964, 5622, \begin{bmatrix} 1 & 1 & 53 \\ 1 & -1 & 0 \\ 53 & 53 & -2 \end{bmatrix}$$

$$965, 1945, \begin{bmatrix} 3 & 44 \\ 44 & -3 \end{bmatrix}$$

$$966, 612, \begin{bmatrix} 1 & 2 & 4 & 9 \\ 2 & 1 & -1 & 0 \\ 1 & 0 & 2 & -1 \\ 4 & -9 & -1 & 2 \end{bmatrix}$$

$$967, 163, [163]$$

$$968, 636, \begin{bmatrix} 1 & 1 & 1 & 5 & 5 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 10 & 10 & 10 & -3 & -3 \end{bmatrix}$$

$$969, 351, \begin{bmatrix} 2 & 7 & 8 \\ 10 & -4 & 1 \\ 1 & 2 & -2 \end{bmatrix}$$

$$970, 1270, \begin{bmatrix} 1 & 3 & 25 \\ 3 & -1 & 0 \\ 5 & 15 & -2 \end{bmatrix}$$

$$971, 164, [164]$$

$$972, 528, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 2 & 2 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & -1 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & -1 & 1 \\ 4 & 4 & -3 & -3 & 8 & -3 & -3 \end{bmatrix}$$

$$973, 586, \begin{bmatrix} 4 & 34 \\ 17 & -2 \end{bmatrix}$$

$$974, 8650, \begin{bmatrix} 1 & 93 \\ 93 & -1 \end{bmatrix}$$

$$975, 174, \begin{bmatrix} 2 & 3 & 3 & 6 \\ 0 & 1 & -1 & 0 \\ 0 & 1 & 1 & -1 \\ 9 & -1 & -1 & -2 \end{bmatrix}$$

$$976, 1312, \begin{bmatrix} 1 & 1 & 1 & 1 & 18 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 9 & 9 & 9 & 9 & -2 \end{bmatrix}$$

$$977, 165, [165]$$

$$978, 7245, \begin{bmatrix} 1 & 2 & 38 \\ 2 & -1 & 0 \\ 38 & 76 & -5 \end{bmatrix}$$

$$979, 601, \begin{bmatrix} 5 & 24 \\ 24 & -5 \end{bmatrix}$$

$$980, 688, \begin{bmatrix} 1 & 1 & 3 & 4 & 4 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & 2 & -1 & -1 \\ 11 & 11 & -10 & 1 & 1 \end{bmatrix}$$

$$981, 1698, \begin{bmatrix} 2 & 2 & 29 \\ 1 & -1 & 0 \\ 29 & 29 & -4 \end{bmatrix}$$

$$982, 8837, \begin{bmatrix} 1 & 94 \\ 94 & -1 \end{bmatrix}$$

$$983, 166, [166]$$

$$984, 5280, \begin{bmatrix} 1 & 1 & 1 & 2 & 13 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & -1 & 0 \\ 3 & -5 & 3 & 6 & -1 \\ 4 & 15 & 4 & 8 & -3 \end{bmatrix}$$

$$985, 678, \begin{bmatrix} 3 & 45 \\ 15 & -1 \end{bmatrix}$$

$$986, 750, \begin{bmatrix} 1 & 7 & 10 \\ 7 & -1 & 0 \\ 1 & 7 & -5 \end{bmatrix}$$

$$987, 245, \begin{bmatrix} 2 & 4 & 15 \\ 2 & -1 & 0 \\ 3 & 6 & -2 \end{bmatrix}$$

$$988, 408, \begin{bmatrix} 1 & 1 & 6 & 8 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 \\ 7 & 7 & -9 & 5 \end{bmatrix}$$

$$989, 277, \begin{bmatrix} 9 & 14 \\ 14 & -9 \end{bmatrix}$$

$$990, 1032, \begin{bmatrix} 1 & 2 & 2 & 3 & 5 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 \\ 1 & 0 & 0 & -2 & 1 \\ 17 & -9 & -9 & 8 & -1 \end{bmatrix}$$

991, 167, [167]

$$992, 3024, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 11 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & -2 & 0 & 1 & 0 \\ 1 & 4 & 1 & 4 & 1 & -1 \\ 5 & -2 & 5 & -2 & 5 & -1 \end{bmatrix}$$

$$993, 4493, \begin{bmatrix} 2 & 67 \\ 67 & -2 \end{bmatrix}$$

$$994, 4587, \begin{bmatrix} 1 & 4 & 20 \\ 4 & 4 & -1 \\ 28 & -27 & 4 \end{bmatrix}$$

$$995, 2125, \begin{bmatrix} 3 & 46 \\ 46 & -3 \end{bmatrix}$$

$$996, 3210, \begin{bmatrix} 1 & 1 & 2 & 23 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 23 & 23 & 46 & -6 \end{bmatrix}$$

997, 168, [168]

$$998, 9026, \begin{bmatrix} 1 & 95 \\ 95 & -1 \end{bmatrix}$$

$$999, 156, \begin{bmatrix} 2 & 2 & 2 & 12 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 2 & 2 & 2 & -1 \end{bmatrix}$$

$$1000, 240, \begin{bmatrix} 1 & 1 & 1 & 3 & 3 & 3 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & 1 & 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & -2 & 3 & -2 \end{bmatrix}$$

$$1001, 231, \begin{bmatrix} 4 & 5 & 6 \\ 4 & -2 & -1 \\ 1 & 4 & -4 \end{bmatrix}$$

$$1002, 7630, \begin{bmatrix} 1 & 2 & 39 \\ 2 & -1 & 0 \\ 39 & 78 & -5 \end{bmatrix}$$

$$1003, 338, \begin{bmatrix} 7 & 17 \\ 17 & -7 \end{bmatrix}$$

$$1004, 2918, \begin{bmatrix} 1 & 1 & 54 \\ 1 & -1 & 0 \\ 27 & 27 & -1 \end{bmatrix}$$

$$1005, 1122, \begin{bmatrix} 2 & 3 & 19 \\ 8 & 1 & -1 \\ 1 & -7 & 1 \end{bmatrix}$$

$$1006, 9217, \begin{bmatrix} 1 & 96 \\ 96 & -1 \end{bmatrix}$$

$$1007, 40, \begin{bmatrix} 8 & 16 \\ 2 & -1 \end{bmatrix}$$

$$1008, 336, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 4 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 0 \\ 1 & 1 & 1 & 1 & 2 & 2 & -3 \end{bmatrix}$$

$$1009, 169, [169]$$

$$1010, 3430, \begin{bmatrix} 1 & 3 & 26 \\ 3 & -1 & 0 \\ 13 & 39 & -5 \end{bmatrix}$$

$$1011, 2314, \begin{bmatrix} 2 & 68 \\ 34 & -1 \end{bmatrix}$$

$$1012, 648, \begin{bmatrix} 1 & 1 & 5 & 9 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 5 & -3 \\ 5 & 5 & -2 & 0 \end{bmatrix}$$

$$1013, 170, [170]$$

$$1014, 770, \begin{bmatrix} 1 & 2 & 6 & 6 \\ 0 & 0 & 1 & -1 \\ 2 & -7 & 1 & 1 \\ 8 & 2 & -1 & -1 \end{bmatrix}$$

$$1015, 625, \begin{bmatrix} 3 & 4 & 10 \\ 4 & -3 & 0 \\ 6 & 8 & -5 \end{bmatrix}$$

$$1016, 5784, \begin{bmatrix} 1 & 1 & 1 & 31 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 31 & 31 & 31 & -3 \end{bmatrix}$$

$$1017, 908, \begin{bmatrix} 2 & 2 & 30 \\ 1 & -1 & 0 \\ 15 & 15 & -2 \end{bmatrix}$$

$$1018, 9410, \begin{bmatrix} 1 & 97 \\ 97 & -1 \end{bmatrix}$$

$$1019, 171, [171]$$

$$1020, 1536, \begin{bmatrix} 1 & 1 & 2 & 3 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 3 & 3 & 6 & 1 & -3 \\ 1 & 1 & 2 & -9 & 3 \end{bmatrix}$$

$$1021, 172, [172]$$

$$1022, 7786, \begin{bmatrix} 1 & 4 & 21 \\ 4 & -1 & 0 \\ 21 & 84 & -17 \end{bmatrix}$$

$$1023, 750, \begin{bmatrix} 2 & 5 & 11 \\ 7 & -5 & 1 \\ 4 & 5 & -3 \end{bmatrix}$$

$$1024, 1280, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 1 \\ 0 & 0 & 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -1 & -1 & 0 & 0 & -1 & -1 & 1 & 1 \\ 1 & 1 & 1 & 1 & -4 & -4 & 1 & 1 & 1 & 1 \end{bmatrix}$$

$$1025, 374, \begin{bmatrix} 3 & 3 & 13 \\ 1 & -1 & 0 \\ 13 & 13 & -6 \end{bmatrix}$$

$$1026, 1078, \begin{bmatrix} 1 & 2 & 2 & 2 & 8 \\ 0 & 1 & 0 & -1 & 0 \\ 2 & -1 & 1 & -1 & 0 \\ 0 & 1 & 2 & 1 & -1 \\ 8 & 5 & -6 & 5 & -2 \end{bmatrix}$$

$$1027, 260, \begin{bmatrix} 6 & 22 \\ 11 & -3 \end{bmatrix}$$

$$1028, 6054, \begin{bmatrix} 1 & 1 & 55 \\ 1 & -1 & 0 \\ 55 & 55 & -2 \end{bmatrix}$$

$$1029, 156, \begin{bmatrix} 2 & 4 & 4 & 4 \\ 0 & 1 & 0 & -1 \\ 0 & 1 & -2 & 1 \\ 6 & -1 & -1 & -1 \end{bmatrix}$$

$$1030, 7390, \begin{bmatrix} 1 & 3 & 27 \\ 3 & -1 & 0 \\ 27 & 81 & -10 \end{bmatrix}$$

1031, 173, [173]

$$1032, 1218, \begin{bmatrix} 1 & 1 & 1 & 2 & 14 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 2 & 2 & 2 & 4 & -1 \end{bmatrix}$$

1033, 174, [174]

$$1034, 2510, \begin{bmatrix} 1 & 5 & 15 \\ 0 & 3 & -1 \\ 50 & -1 & -3 \end{bmatrix}$$

$$1035, 980, \begin{bmatrix} 2 & 2 & 3 & 9 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 3 & -1 \\ 15 & 15 & -2 & -6 \end{bmatrix}$$

$$1036, 486, \begin{bmatrix} 1 & 1 & 4 & 12 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 2 & 2 & 8 & -3 \end{bmatrix}$$

$$1037, 373, \begin{bmatrix} 7 & 18 \\ 18 & -7 \end{bmatrix}$$

$$1038, 1605, \begin{bmatrix} 1 & 2 & 40 \\ 2 & -1 & 0 \\ 8 & 16 & -1 \end{bmatrix}$$

1039, 175, [175]

$$1040, 1960, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 6 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 2 & -1 \\ 15 & 15 & 15 & 15 & -4 & -8 \end{bmatrix}$$

$$1041, 4765, \begin{bmatrix} 2 & 69 \\ 69 & -2 \end{bmatrix}$$

$$1042, 9605, \begin{bmatrix} 1 & 98 \\ 98 & -1 \end{bmatrix}$$

$$1043, 1241, \begin{bmatrix} 4 & 35 \\ 35 & -4 \end{bmatrix}$$

$$1044, 220, \begin{bmatrix} 1 & 1 & 2 & 2 & 10 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 1 & 1 & 2 & 2 & -1 \end{bmatrix}$$

$$1045, 294, \begin{bmatrix} 3 & 5 & 8 \\ 1 & 1 & -1 \\ 13 & -11 & 2 \end{bmatrix}$$

$$1046, 9802, \begin{bmatrix} 1 & 99 \\ 99 & -1 \end{bmatrix}$$

$$1047, 2452, \begin{bmatrix} 2 & 70 \\ 35 & -1 \end{bmatrix}$$

$$1048, 6162, \begin{bmatrix} 1 & 1 & 1 & 32 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 32 & 32 & 32 & -3 \end{bmatrix}$$

$$1049, 176, [176]$$

$$1050, 312, \begin{bmatrix} 1 & 2 & 3 & 3 & 4 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -1 & -1 & 1 \\ 4 & -5 & -1 & -1 & 3 \\ 2 & 1 & 0 & 0 & -1 \end{bmatrix}$$

1051, 177, [177]

$$1052, 3138, \begin{bmatrix} 1 & 1 & 56 \\ 1 & -1 & 0 \\ 28 & 28 & -1 \end{bmatrix}$$

$$1053, 208, \begin{bmatrix} 2 & 2 & 2 & 2 & 6 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 3 & 3 & 3 & 3 & -4 \end{bmatrix}$$

$$1054, 342, \begin{bmatrix} 1 & 7 & 11 \\ 4 & 1 & -1 \\ 2 & -5 & 3 \end{bmatrix}$$

$$1055, 2218, \begin{bmatrix} 3 & 47 \\ 47 & -3 \end{bmatrix}$$

$$1056, 3672, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 5 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 \\ 5 & 5 & 5 & 5 & 5 & 10 & -9 \end{bmatrix}$$

$$1057, 328, \begin{bmatrix} 4 & 36 \\ 9 & -1 \end{bmatrix}$$

$$1058, 326, \begin{bmatrix} 1 & 9 & 9 \\ 0 & 1 & -1 \\ 18 & -1 & -1 \end{bmatrix}$$

$$1059, 5045, \begin{bmatrix} 2 & 71 \\ 71 & -2 \end{bmatrix}$$

$$1060, 5874, \begin{bmatrix} 1 & 1 & 3 & 16 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 16 & 16 & 48 & -11 \end{bmatrix}$$

$$1061, 178, [178]$$

$$1062, 5364, \begin{bmatrix} 1 & 2 & 2 & 17 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 17 & 34 & 34 & -9 \end{bmatrix}$$

$$1063, 179, [179]$$

$$1064, 2490, \begin{bmatrix} 1 & 1 & 1 & 4 & 8 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 2 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 20 & 20 & 20 & -3 & -6 \end{bmatrix}$$

$$1065, 5369, \begin{bmatrix} 2 & 3 & 20 \\ 3 & -2 & 0 \\ 40 & 60 & -13 \end{bmatrix}$$

$$1066, 618, \begin{bmatrix} 1 & 6 & 13 \\ 16 & -7 & 2 \\ 1 & 2 & -1 \end{bmatrix}$$

$$1067, 130, \begin{bmatrix} 5 & 25 \\ 5 & -1 \end{bmatrix}$$

$$1068, 582, \begin{bmatrix} 1 & 1 & 2 & 24 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 4 & 4 & 8 & -1 \end{bmatrix}$$

$$1069, 180, [180]$$

$$1070, 3970, \begin{bmatrix} 1 & 3 & 28 \\ 3 & -1 & 0 \\ 14 & 42 & -5 \end{bmatrix}$$

$$1071, 438, \begin{bmatrix} 2 & 2 & 4 & 7 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 7 & 7 & 14 & -12 \end{bmatrix}$$

$$1072, 2920, \begin{bmatrix} 1 & 1 & 1 & 1 & 19 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 19 & 19 & 19 & 19 & -4 \end{bmatrix}$$

$$1073, 122, \begin{bmatrix} 10 & 12 \\ 6 & -5 \end{bmatrix}$$

$$1074, 8430, \begin{bmatrix} 1 & 2 & 41 \\ 2 & -1 & 0 \\ 41 & 82 & -5 \end{bmatrix}$$

$$1075, 214, \begin{bmatrix} 3 & 3 & 14 \\ 1 & -1 & 0 \\ 7 & 7 & -3 \end{bmatrix}$$

$$1076, 6502, \begin{bmatrix} 1 & 1 & 57 \\ 1 & -1 & 0 \\ 57 & 57 & -2 \end{bmatrix}$$

$$1077, 2594, \begin{bmatrix} 2 & 72 \\ 36 & -1 \end{bmatrix}$$

$$1078, 580, \begin{bmatrix} 1 & 4 & 4 & 5 \\ 0 & 1 & -1 & 0 \\ 2 & 1 & 1 & -2 \\ 13 & -6 & -6 & 7 \end{bmatrix}$$

$$1079, 565, \begin{bmatrix} 6 & 23 \\ 23 & -6 \end{bmatrix}$$

$$1080, 384, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 & 3 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 1 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & -1 & 0 & -1 & 1 \\ 1 & -1 & 1 & 0 & -2 & 0 & 1 \\ 1 & -2 & 1 & -1 & 2 & -1 & 0 \end{bmatrix}$$

$$1081, 102, \begin{bmatrix} 9 & 15 \\ 5 & -3 \end{bmatrix}$$

$$1082, 10001, \begin{bmatrix} 1 & 100 \\ 100 & -1 \end{bmatrix}$$

$$1083, 132, \begin{bmatrix} 2 & 8 & 8 \\ 0 & 1 & -1 \\ 8 & -1 & -1 \end{bmatrix}$$

$$1084, 3366, \begin{bmatrix} 1 & 1 & 58 \\ 1 & -1 & 0 \\ 29 & 29 & -1 \end{bmatrix}$$

$$1085, 438, \begin{bmatrix} 3 & 4 & 11 \\ 13 & -7 & -1 \\ 1 & 2 & -1 \end{bmatrix}$$

$$1086, 8845, \begin{bmatrix} 1 & 2 & 42 \\ 2 & -1 & 0 \\ 42 & 84 & -5 \end{bmatrix}$$

$$1087, 181, [181]$$

$$1088, 2640, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 7 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 7 & 7 & 7 & 7 & 7 & 7 & -6 \end{bmatrix}$$

$$1089, 116, \begin{bmatrix} 2 & 2 & 5 & 5 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 5 & 5 & -2 & -2 \end{bmatrix}$$

$$1090, 5106, \begin{bmatrix} 1 & 3 & 29 \\ 14 & 5 & -1 \\ 4 & -11 & 1 \end{bmatrix}$$

1091, 182, [182]

$$1092, 696, \begin{bmatrix} 1 & 1 & 2 & 4 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 1 & -1 \\ 1 & 1 & 1 & -1 & 0 \\ 9 & 9 & -11 & 7 & -4 \end{bmatrix}$$

1093, 183, [183]

$$1094, 10202, \begin{bmatrix} 1 & 101 \\ 101 & -1 \end{bmatrix}$$

$$1095, 5902, \begin{bmatrix} 2 & 3 & 21 \\ 3 & -2 & 0 \\ 42 & 63 & -13 \end{bmatrix}$$

$$1096, 2184, \begin{bmatrix} 1 & 1 & 1 & 33 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 11 & 11 & 11 & -1 \end{bmatrix}$$

1097, 184, [184]

$$1098, 666, \begin{bmatrix} 1 & 2 & 2 & 18 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 2 & 4 & 4 & -1 \end{bmatrix}$$

$$1099, 1385, \begin{bmatrix} 4 & 37 \\ 37 & -4 \end{bmatrix}$$

$$1100, 360, \begin{bmatrix} 1 & 1 & 3 & 3 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 3 & 3 & -1 & -1 & 0 \\ 1 & 1 & 3 & 3 & -4 \end{bmatrix}$$

$$1101, 5333, \begin{bmatrix} 2 & 73 \\ 73 & -2 \end{bmatrix}$$

$$1102, 330, \begin{bmatrix} 1 & 8 & 10 \\ 6 & -7 & 5 \\ 2 & 1 & -1 \end{bmatrix}$$

$$1103, 185, [185]$$

$$1104, 2848, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 9 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 9 & 9 & 9 & 9 & 18 & -8 \end{bmatrix}$$

$$1105, 470, \begin{bmatrix} 3 & 6 & 7 \\ 2 & -1 & 0 \\ 7 & 14 & -15 \end{bmatrix}$$

$$1106, 5010, \begin{bmatrix} 1 & 4 & 22 \\ 2 & 5 & -1 \\ 38 & -15 & 1 \end{bmatrix}$$

$$1107, 1086, \begin{bmatrix} 2 & 2 & 2 & 13 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 13 & 13 & 13 & -6 \end{bmatrix}$$

$$1108, 6966, \begin{bmatrix} 1 & 1 & 59 \\ 1 & -1 & 0 \\ 59 & 59 & -2 \end{bmatrix}$$

1109, 186, [186]

$$1110, 3318, \begin{bmatrix} 1 & 2 & 3 & 12 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 6 & 12 & 18 & -7 \end{bmatrix}$$

$$1111, 701, \begin{bmatrix} 5 & 26 \\ 26 & -5 \end{bmatrix}$$

$$1112, 6954, \begin{bmatrix} 1 & 1 & 1 & 34 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 34 & 34 & 34 & -3 \end{bmatrix}$$

$$1113, 690, \begin{bmatrix} 2 & 4 & 16 \\ 2 & -1 & 0 \\ 8 & 16 & -5 \end{bmatrix}$$

$$1114, 10405, \begin{bmatrix} 1 & 102 \\ 102 & -1 \end{bmatrix}$$

$$1115, 771, \begin{bmatrix} 3 & 48 \\ 16 & -1 \end{bmatrix}$$

$$1116, 2620, \begin{bmatrix} 1 & 1 & 2 & 2 & 11 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 11 & 11 & 22 & 22 & -10 \end{bmatrix}$$

1117, 187, [187]

$$1118, 2097, \begin{bmatrix} 1 & 6 & 14 \\ 2 & 2 & -1 \\ 34 & -29 & 10 \end{bmatrix}$$

$$1119, 2740, \begin{bmatrix} 2 & 74 \\ 37 & -1 \end{bmatrix}$$

$$1120, 720, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 3 & 4 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 2 & 1 & 1 & -2 & 0 \\ 2 & 2 & -3 & 2 & 2 & 1 & -2 \end{bmatrix}$$

$$1121, 353, \begin{bmatrix} 8 & 17 \\ 17 & -8 \end{bmatrix}$$

$$1122, 2370, \begin{bmatrix} 1 & 2 & 5 & 7 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 7 & 14 & 35 & -30 \end{bmatrix}$$

1123, 188, [188]

$$1124, 3602, \begin{bmatrix} 1 & 1 & 60 \\ 1 & -1 & 0 \\ 30 & 30 & -1 \end{bmatrix}$$

$$1125, 420, \begin{bmatrix} 2 & 2 & 3 & 3 & 3 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 \\ 0 & 0 & 1 & -2 & 1 \\ 9 & 9 & -4 & -4 & -4 \end{bmatrix}$$

$$1126, 10610, \begin{bmatrix} 1 & 103 \\ 103 & -1 \end{bmatrix}$$

$$1127, 226, \begin{bmatrix} 4 & 4 & 9 \\ 1 & -1 & 0 \\ 9 & 9 & -8 \end{bmatrix}$$

$$1128, 9744, \begin{bmatrix} 1 & 1 & 1 & 2 & 15 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 15 & 15 & 15 & 30 & -7 \end{bmatrix}$$

$$1129, 189, [189]$$

$$1130, 910, \begin{bmatrix} 1 & 3 & 30 \\ 3 & -1 & 0 \\ 3 & 9 & -1 \end{bmatrix}$$

$$1131, 140, \begin{bmatrix} 2 & 6 & 10 \\ 3 & -1 & 0 \\ 1 & 3 & -2 \end{bmatrix}$$

$$1132, 7446, \begin{bmatrix} 1 & 1 & 61 \\ 1 & -1 & 0 \\ 61 & 61 & -2 \end{bmatrix}$$

$$1133, 754, \begin{bmatrix} 5 & 27 \\ 27 & -5 \end{bmatrix}$$

$$1134, 1056, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 4 \\ 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & -1 & -1 & 1 & 0 \\ 0 & 1 & 1 & 1 & 1 & -2 \\ 16 & -1 & -1 & -1 & -1 & -2 \end{bmatrix}$$

$$1135, 2410, \begin{bmatrix} 3 & 49 \\ 49 & -3 \end{bmatrix}$$

$$1136, 808, \begin{bmatrix} 1 & 1 & 1 & 1 & 20 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 5 & 5 & 5 & 5 & -1 \end{bmatrix}$$

$$1137, 5629, \begin{bmatrix} 2 & 75 \\ 75 & -2 \end{bmatrix}$$

$$1138, 10817, \begin{bmatrix} 1 & 104 \\ 104 & -1 \end{bmatrix}$$

$$1139, 410, \begin{bmatrix} 7 & 19 \\ 19 & -7 \end{bmatrix}$$

$$1140, 2370, \begin{bmatrix} 1 & 1 & 2 & 3 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 8 & 8 & 16 & 24 & -15 \end{bmatrix}$$

$$1141, 730, \begin{bmatrix} 4 & 38 \\ 19 & -2 \end{bmatrix}$$

$$1142, 11026, \begin{bmatrix} 1 & 105 \\ 105 & -1 \end{bmatrix}$$

$$1143, 1938, \begin{bmatrix} 2 & 2 & 31 \\ 1 & -1 & 0 \\ 31 & 31 & -4 \end{bmatrix}$$

$$1144, 1536, \begin{bmatrix} 1 & 1 & 1 & 5 & 6 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & -3 & 2 \\ 7 & 7 & 7 & 3 & -6 \end{bmatrix}$$

$$1145, 2509, \begin{bmatrix} 3 & 50 \\ 50 & -3 \end{bmatrix}$$

$$1146, 9270, \begin{bmatrix} 1 & 2 & 43 \\ 2 & -1 & 0 \\ 43 & 86 & -5 \end{bmatrix}$$

$$1147, 265, \begin{bmatrix} 11 & 12 \\ 12 & -11 \end{bmatrix}$$

$$1148, 1870, \begin{bmatrix} 1 & 1 & 4 & 13 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -7 & 2 \\ 9 & 9 & 2 & -2 \end{bmatrix}$$

$$1149, 2890, \begin{bmatrix} 2 & 76 \\ 38 & -1 \end{bmatrix}$$

$$1150, 600, \begin{bmatrix} 1 & 3 & 3 & 9 \\ 0 & 1 & -1 & 0 \\ 3 & 1 & 1 & -1 \\ 6 & -7 & -7 & 4 \end{bmatrix}$$

1151, 190, [190]

$$1152, 1440, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 & 1 & 1 & -1 & -1 \\ 0 & 0 & 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & -4 & -4 & -4 & 1 & 1 & 2 & 2 \end{bmatrix}$$

1153, 191, [191]

$$1154, 11237, \begin{bmatrix} 1 & 106 \\ 106 & -1 \end{bmatrix}$$

$$1155, 162, \begin{bmatrix} 2 & 3 & 4 & 5 \\ 1 & 1 & 0 & -1 \\ 0 & 1 & -2 & 1 \\ 4 & -3 & -1 & 1 \end{bmatrix}$$

$$1156, 200, \begin{bmatrix} 1 & 1 & 7 & 7 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 7 & 7 & -1 & -1 \end{bmatrix}$$

$$1157, 102, \begin{bmatrix} 6 & 24 \\ 4 & -1 \end{bmatrix}$$

$$1158, 9705, \begin{bmatrix} 1 & 2 & 44 \\ 2 & -1 & 0 \\ 44 & 88 & -5 \end{bmatrix}$$

$$1159, 194, \begin{bmatrix} 8 & 18 \\ 9 & -4 \end{bmatrix}$$

$$1160, 1344, \begin{bmatrix} 1 & 1 & 1 & 3 & 10 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 5 & 5 & 5 & 15 & -6 \end{bmatrix}$$

$$1161, 624, \begin{bmatrix} 2 & 2 & 2 & 14 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 7 & 7 & 7 & -3 \end{bmatrix}$$

$$1162, 2730, \begin{bmatrix} 1 & 4 & 23 \\ 17 & -10 & 1 \\ 3 & 5 & -1 \end{bmatrix}$$

$$1163, 192, [192]$$

$$1164, 3786, \begin{bmatrix} 1 & 1 & 2 & 25 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 25 & 25 & 50 & -6 \end{bmatrix}$$

$$1165, 870, \begin{bmatrix} 3 & 51 \\ 17 & -1 \end{bmatrix}$$

$$1166, 3102, \begin{bmatrix} 1 & 5 & 16 \\ 4 & -4 & 1 \\ 23 & 21 & -8 \end{bmatrix}$$

$$1167, 5933, \begin{bmatrix} 2 & 77 \\ 77 & -2 \end{bmatrix}$$

$$1168, 3560, \begin{bmatrix} 1 & 1 & 1 & 1 & 21 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 21 & 21 & 21 & 21 & -4 \end{bmatrix}$$

$$1169, 1537, \begin{bmatrix} 4 & 39 \\ 39 & -4 \end{bmatrix}$$

$$1170, 486, \begin{bmatrix} 1 & 2 & 2 & 3 & 6 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 0 & -2 & 1 & 0 \\ 2 & -2 & 1 & 0 & 0 \\ 1 & 2 & 2 & 3 & -3 \end{bmatrix}$$

1171, 193, [193]

$$1172, 3846, \begin{bmatrix} 1 & 1 & 62 \\ 1 & -1 & 0 \\ 31 & 31 & -1 \end{bmatrix}$$

$$1173, 402, \begin{bmatrix} 2 & 7 & 9 \\ 16 & -11 & 5 \\ 1 & 1 & -1 \end{bmatrix}$$

$$1174, 11450, \begin{bmatrix} 1 & 107 \\ 107 & -1 \end{bmatrix}$$

$$1175, 162, \begin{bmatrix} 3 & 3 & 15 \\ 1 & -1 & 0 \\ 5 & 5 & -2 \end{bmatrix}$$

$$1176, 936, \begin{bmatrix} 1 & 1 & 1 & 2 & 4 & 4 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 0 & 1 & -1 & 0 & 0 \\ 1 & 2 & 1 & 2 & -1 & -1 \\ 3 & -10 & 3 & 6 & -1 & -1 \end{bmatrix}$$

$$1177, 809, \begin{bmatrix} 5 & 28 \\ 28 & -5 \end{bmatrix}$$

$$1178, 930, \begin{bmatrix} 1 & 8 & 11 \\ 5 & 9 & -7 \\ 5 & -2 & 1 \end{bmatrix}$$

$$1179, 516, \begin{bmatrix} 2 & 2 & 32 \\ 1 & -1 & 0 \\ 8 & 8 & -1 \end{bmatrix}$$

$$1180, 3000, \begin{bmatrix} 1 & 1 & 3 & 17 \\ 3 & 0 & -1 & 0 \\ 2 & -3 & 6 & -1 \\ 1 & 7 & 3 & -1 \end{bmatrix}$$

$$1181, 194, [194]$$

$$1182, 2030, \begin{bmatrix} 1 & 2 & 45 \\ 2 & -1 & 0 \\ 9 & 18 & -1 \end{bmatrix}$$

$$1183, 44, \begin{bmatrix} 4 & 6 & 6 \\ 0 & 1 & -1 \\ 3 & -1 & -1 \end{bmatrix}$$

$$1184, 5960, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 12 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 12 & 12 & 12 & 12 & 12 & -5 \end{bmatrix}$$

$$1185, 2982, \begin{bmatrix} 2 & 3 & 22 \\ 5 & 4 & -1 \\ 13 & -16 & 1 \end{bmatrix}$$

$$1186, 11665, \begin{bmatrix} 1 & 108 \\ 108 & -1 \end{bmatrix}$$

1187, 195, [195]

$$1188, 936, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 5 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & 2 & 1 & -2 \\ 3 & 3 & -7 & 6 & -7 & 2 \end{bmatrix}$$

$$1189, 269, \begin{bmatrix} 10 & 13 \\ 13 & -10 \end{bmatrix}$$

$$1190, 225, \begin{bmatrix} 1 & 3 & 4 & 7 \\ 1 & 1 & -1 & 0 \\ 0 & 1 & 1 & -1 \\ 7 & -4 & 3 & -1 \end{bmatrix}$$

$$1191, 3044, \begin{bmatrix} 2 & 78 \\ 39 & -1 \end{bmatrix}$$

$$1192, 7368, \begin{bmatrix} 1 & 1 & 1 & 35 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 35 & 35 & 35 & -3 \end{bmatrix}$$

1193, 196, [196]

$$1194, 10605, \begin{bmatrix} 1 & 2 & 46 \\ 2 & -1 & 0 \\ 46 & 92 & -5 \end{bmatrix}$$

$$1195, 2713, \begin{bmatrix} 3 & 52 \\ 52 & -3 \end{bmatrix}$$

$$1196, 1666, \begin{bmatrix} 1 & 1 & 6 & 9 \\ 2 & 1 & 1 & -1 \\ 0 & 3 & -2 & 1 \\ 10 & -7 & -8 & 5 \end{bmatrix}$$

$$1197, 132, \begin{bmatrix} 2 & 2 & 4 & 8 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 2 & 2 & 4 & -3 \end{bmatrix}$$

$$1198, 11882, \begin{bmatrix} 1 & 109 \\ 109 & -1 \end{bmatrix}$$

$$1199, 866, \begin{bmatrix} 5 & 29 \\ 29 & -5 \end{bmatrix}$$

$$1200, 832, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 3 & 3 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 & 0 \\ 3 & 3 & 3 & 3 & 6 & -4 & -4 \end{bmatrix}$$

$$1201, 197, [197]$$

$$1202, 12101, \begin{bmatrix} 1 & 110 \\ 110 & -1 \end{bmatrix}$$

$$1203, 6245, \begin{bmatrix} 2 & 79 \\ 79 & -2 \end{bmatrix}$$

$$1204, 1926, \begin{bmatrix} 1 & 1 & 4 & 14 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 7 & 7 & 28 & -9 \end{bmatrix}$$

$$1205, 2818, \begin{bmatrix} 3 & 53 \\ 53 & -3 \end{bmatrix}$$

$$1206, 6660, \begin{bmatrix} 1 & 2 & 2 & 19 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 19 & 38 & 38 & -9 \end{bmatrix}$$

$$1207, 449, \begin{bmatrix} 7 & 20 \\ 20 & -7 \end{bmatrix}$$

$$1208, 2598, \begin{bmatrix} 1 & 1 & 1 & 36 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 12 & 12 & 12 & -1 \end{bmatrix}$$

$$1209, 483, \begin{bmatrix} 2 & 6 & 11 \\ 8 & 1 & -2 \\ 1 & -4 & 2 \end{bmatrix}$$

$$1210, 120, \begin{bmatrix} 1 & 3 & 5 & 5 \\ 0 & 0 & 1 & -1 \\ 3 & -1 & 0 & 0 \\ 1 & 3 & -1 & -1 \end{bmatrix}$$

$$1211, 404, \begin{bmatrix} 4 & 40 \\ 10 & -1 \end{bmatrix}$$

$$1212, 2046, \begin{bmatrix} 1 & 1 & 2 & 26 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 13 & 13 & 26 & -3 \end{bmatrix}$$

$$1213, 198, [198]$$

$$1214, 12322, \begin{bmatrix} 1 & 111 \\ 111 & -1 \end{bmatrix}$$

$$1215, 1160, \begin{bmatrix} 2 & 2 & 2 & 2 & 2 & 3 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 3 & 3 & 3 & 3 & 3 & -10 \end{bmatrix}$$

$$1216, 1680, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 8 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 4 & 4 & 4 & 4 & 4 & 4 & -3 \end{bmatrix}$$

$$1217, 199, [199]$$

$$1218, 2662, \begin{bmatrix} 1 & 2 & 4 & 10 \\ 0 & 3 & 1 & -1 \\ 4 & -1 & 2 & -1 \\ 8 & 5 & -12 & 3 \end{bmatrix}$$

$$1219, 337, \begin{bmatrix} 9 & 16 \\ 16 & -9 \end{bmatrix}$$

$$1220, 4690, \begin{bmatrix} 1 & 1 & 3 & 18 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 4 & -1 \\ 15 & 15 & -22 & 2 \end{bmatrix}$$

$$1221, 1038, \begin{bmatrix} 2 & 5 & 12 \\ 1 & 2 & -1 \\ 29 & -14 & 1 \end{bmatrix}$$

$$1222, 1834, \begin{bmatrix} 1 & 6 & 15 \\ 3 & 2 & -1 \\ 18 & -23 & 8 \end{bmatrix}$$

1223, 200, [200]

$$1224, 720, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 7 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & -1 \\ 3 & 3 & 3 & -4 & -4 & 1 \end{bmatrix}$$

$$1225, 100, \begin{bmatrix} 3 & 3 & 4 & 4 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 4 & 4 & -3 & -3 \end{bmatrix}$$

$$1226, 12545, \begin{bmatrix} 1 & 112 \\ 112 & -1 \end{bmatrix}$$

$$1227, 3202, \begin{bmatrix} 2 & 80 \\ 40 & -1 \end{bmatrix}$$

$$1228, 7942, \begin{bmatrix} 1 & 1 & 63 \\ 1 & -1 & 0 \\ 63 & 63 & -2 \end{bmatrix}$$

1229, 201, [201]

$$1230, 2745, \begin{bmatrix} 1 & 2 & 3 & 13 \\ 1 & 1 & -1 & 0 \\ 2 & 1 & 3 & -1 \\ 19 & -23 & -4 & 3 \end{bmatrix}$$

1231, 202, [202]

$$1232, 270, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 5 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 1 & -1 \\ 1 & 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 1 & 1 & -1 \\ 1 & 0 & -2 & 1 & 0 & 0 \end{bmatrix}$$

$$1233, 2194, \begin{bmatrix} 2 & 2 & 33 \\ 1 & -1 & 0 \\ 33 & 33 & -4 \end{bmatrix}$$

$$1234, 12770, \begin{bmatrix} 1 & 113 \\ 113 & -1 \end{bmatrix}$$

$$1235, 545, \begin{bmatrix} 3 & 6 & 8 \\ 2 & -1 & 0 \\ 8 & 16 & -15 \end{bmatrix}$$

$$1236, 1470, \begin{bmatrix} 1 & 1 & 2 & 27 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 9 & 9 & 18 & -2 \end{bmatrix}$$

1237, 203, [203]

$$1238, 12997, \begin{bmatrix} 1 & 114 \\ 114 & -1 \end{bmatrix}$$

$$1239, 1545, \begin{bmatrix} 2 & 4 & 17 \\ 2 & -1 & 0 \\ 17 & 34 & -10 \end{bmatrix}$$

$$1240, 3192, \begin{bmatrix} 1 & 1 & 1 & 3 & 11 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 11 & 11 & 11 & 33 & -12 \end{bmatrix}$$

$$1241, 70, \begin{bmatrix} 7 & 21 \\ 3 & -1 \end{bmatrix}$$

$$1242, 3760, \begin{bmatrix} 1 & 2 & 2 & 2 & 9 \\ 0 & 1 & 0 & -1 & 0 \\ 2 & 0 & -1 & 0 & 0 \\ 1 & 1 & 2 & 1 & -1 \\ 11 & -25 & 22 & -25 & 5 \end{bmatrix}$$

$$1243, 185, \begin{bmatrix} 5 & 30 \\ 6 & -1 \end{bmatrix}$$

$$1244, 4098, \begin{bmatrix} 1 & 1 & 64 \\ 1 & -1 & 0 \\ 32 & 32 & -1 \end{bmatrix}$$

$$1245, 7046, \begin{bmatrix} 2 & 3 & 23 \\ 3 & -2 & 0 \\ 46 & 69 & -13 \end{bmatrix}$$

$$1246, 10081, \begin{bmatrix} 1 & 4 & 24 \\ 4 & -1 & 0 \\ 24 & 96 & -17 \end{bmatrix}$$

$$1247, 148, \begin{bmatrix} 10 & 14 \\ 7 & -5 \end{bmatrix}$$

$$1248, 1620, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 6 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 1 & 0 & 0 & -1 & 0 \\ 1 & 1 & 0 & 1 & 1 & 1 & -1 \\ 1 & 0 & 0 & -2 & 1 & 0 & 0 \\ 1 & -2 & 1 & 1 & 1 & -1 & 0 \\ 1 & 1 & -4 & 1 & 1 & -3 & 1 \end{bmatrix}$$

$$1249, 204, [204]$$

$$1250, 296, \begin{bmatrix} 1 & 3 & 3 & 3 & 3 \\ 0 & 1 & 0 & 0 & -1 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -1 & -1 & 1 \\ 12 & -1 & -1 & -1 & -1 \end{bmatrix}$$

$$1251, 1164, \begin{bmatrix} 2 & 2 & 34 \\ 1 & -1 & 0 \\ 17 & 17 & -2 \end{bmatrix}$$

$$1252, 8454, \begin{bmatrix} 1 & 1 & 65 \\ 1 & -1 & 0 \\ 65 & 65 & -2 \end{bmatrix}$$

$$1253, 1697, \begin{bmatrix} 4 & 41 \\ 41 & -4 \end{bmatrix}$$

$$1254, 1410, \begin{bmatrix} 1 & 2 & 5 & 8 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 4 & 8 & 20 & -15 \end{bmatrix}$$

$$1255, 975, \begin{bmatrix} 3 & 54 \\ 18 & -1 \end{bmatrix}$$

$$1256, 8232, \begin{bmatrix} 1 & 1 & 1 & 37 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 37 & 37 & 37 & -3 \end{bmatrix}$$

$$1257, 6565, \begin{bmatrix} 2 & 81 \\ 81 & -2 \end{bmatrix}$$

$$1258, 1746, \begin{bmatrix} 1 & 7 & 12 \\ 2 & -2 & 1 \\ 31 & 23 & -16 \end{bmatrix}$$

$$1259, 205, [205]$$

$$1260, 840, \begin{bmatrix} 1 & 1 & 2 & 2 & 3 & 4 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & -1 & -2 & 2 \\ 1 & 1 & 2 & 2 & -2 & -1 \\ 3 & 3 & -1 & -1 & 2 & -2 \end{bmatrix}$$

$$1261, 661, \begin{bmatrix} 6 & 25 \\ 25 & -6 \end{bmatrix}$$

$$1262, 13226, \begin{bmatrix} 1 & 115 \\ 115 & -1 \end{bmatrix}$$

$$1263, 3364, \begin{bmatrix} 2 & 82 \\ 41 & -1 \end{bmatrix}$$

$$1264, 1952, \begin{bmatrix} 1 & 1 & 1 & 1 & 22 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 11 & 11 & 11 & 11 & -2 \end{bmatrix}$$

$$1265, 230, \begin{bmatrix} 3 & 5 & 9 \\ 3 & 0 & -1 \\ 1 & -6 & 3 \end{bmatrix}$$

$$1266, 11070, \begin{bmatrix} 1 & 2 & 47 \\ 2 & -1 & 0 \\ 47 & 94 & -5 \end{bmatrix}$$

$$1267, 890, \begin{bmatrix} 4 & 42 \\ 21 & -2 \end{bmatrix}$$

$$1268, 4358, \begin{bmatrix} 1 & 1 & 66 \\ 1 & -1 & 0 \\ 33 & 33 & -1 \end{bmatrix}$$

$$1269, 474, \begin{bmatrix} 2 & 2 & 2 & 15 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 5 & 5 & 5 & -2 \end{bmatrix}$$

$$1270, 9710, \begin{bmatrix} 1 & 3 & 31 \\ 3 & -1 & 0 \\ 31 & 93 & -10 \end{bmatrix}$$

$$1271, 290, \begin{bmatrix} 11 & 13 \\ 13 & -11 \end{bmatrix}$$

$$1272, 11046, \begin{bmatrix} 1 & 1 & 1 & 2 & 16 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 16 & 16 & 16 & 32 & -7 \end{bmatrix}$$

$$1273, 425, \begin{bmatrix} 8 & 19 \\ 19 & -8 \end{bmatrix}$$

$$1274, 966, \begin{bmatrix} 1 & 4 & 4 & 6 \\ 0 & 1 & -1 & 0 \\ 2 & 2 & 2 & -3 \\ 16 & -5 & -5 & 4 \end{bmatrix}$$

$$1275, 1562, \begin{bmatrix} 2 & 3 & 3 & 7 \\ 0 & 1 & -1 & 0 \\ 4 & 1 & 1 & -2 \\ 13 & -16 & -16 & 10 \end{bmatrix}$$

$$1276, 1270, \begin{bmatrix} 1 & 1 & 5 & 10 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 25 & 25 & -2 & -4 \end{bmatrix}$$

$$1277, 206, [206]$$

$$1278, 7362, \begin{bmatrix} 1 & 2 & 2 & 20 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 20 & 40 & 40 & -9 \end{bmatrix}$$

1279, 207, [207]

$$1280, 2176, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 3 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -1 & -1 & -1 & -1 & 1 & 1 & 0 \\ 3 & 3 & 3 & 3 & 3 & 3 & 3 & 3 & -8 \end{bmatrix}$$

$$1281, 860, \begin{bmatrix} 2 & 4 & 18 \\ 2 & -1 & 0 \\ 9 & 18 & -5 \end{bmatrix}$$

$$1282, 13457, \begin{bmatrix} 1 & 116 \\ 116 & -1 \end{bmatrix}$$

1283, 208, [208]

$$1284, 2370, \begin{bmatrix} 1 & 1 & 2 & 28 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 14 & 14 & 28 & -3 \end{bmatrix}$$

$$1285, 3034, \begin{bmatrix} 3 & 55 \\ 55 & -3 \end{bmatrix}$$

$$1286, 13690, \begin{bmatrix} 1 & 117 \\ 117 & -1 \end{bmatrix}$$

$$1287, 966, \begin{bmatrix} 2 & 2 & 5 & 6 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 2 & -3 \\ 9 & 9 & -12 & 4 \end{bmatrix}$$

$$1288, 3000, \begin{bmatrix} 1 & 1 & 1 & 4 & 9 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & 3 & -2 \\ 7 & 7 & 7 & -12 & 3 \end{bmatrix}$$

1289, 209, [209]

$$1290, 630, \begin{bmatrix} 1 & 2 & 3 & 14 \\ 1 & -2 & 1 & 0 \\ 1 & 2 & 3 & -1 \\ 4 & 1 & -2 & 0 \end{bmatrix}$$

1291, 210, [210]

$$1292, 230, \begin{bmatrix} 1 & 1 & 7 & 8 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 \\ 3 & 3 & -2 & 1 \end{bmatrix}$$

$$1293, 6893, \begin{bmatrix} 2 & 83 \\ 83 & -2 \end{bmatrix}$$

$$1294, 13925, \begin{bmatrix} 1 & 118 \\ 118 & -1 \end{bmatrix}$$

$$1295, 1690, \begin{bmatrix} 3 & 4 & 12 \\ 0 & 3 & -1 \\ 40 & -3 & -9 \end{bmatrix}$$

$$1296, 320, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 2 & 2 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & 0 & -1 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & -1 & 1 \\ 2 & 2 & 2 & 2 & -1 & -1 & -1 & -1 \end{bmatrix}$$

1297, 211, [211]

$$1298, 630, \begin{bmatrix} 1 & 5 & 17 \\ 8 & -5 & 1 \\ 2 & 3 & -1 \end{bmatrix}$$

$$1299, 3530, \begin{bmatrix} 2 & 84 \\ 42 & -1 \end{bmatrix}$$

$$1300, 336, \begin{bmatrix} 1 & 1 & 3 & 3 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 1 & 1 & -1 \\ 9 & 9 & -1 & -1 & -2 \end{bmatrix}$$

1301, 212, [212]

$$1302, 4970, \begin{bmatrix} 1 & 2 & 4 & 11 \\ 0 & 2 & -1 & 0 \\ 1 & 1 & 2 & -1 \\ 65 & -12 & -24 & 5 \end{bmatrix}$$

1303, 213, [213]

$$1304, 8682, \begin{bmatrix} 1 & 1 & 1 & 38 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 38 & 38 & 38 & -3 \end{bmatrix}$$

$$1305, 1053, \begin{bmatrix} 2 & 2 & 3 & 10 \\ 2 & 1 & -2 & 0 \\ 2 & 0 & 2 & -1 \\ 3 & -10 & -2 & 2 \end{bmatrix}$$

$$1306, 14162, \begin{bmatrix} 1 & 119 \\ 119 & -1 \end{bmatrix}$$

1307, 214, [214]

$$1308, 5082, \begin{bmatrix} 1 & 1 & 2 & 29 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 29 & 29 & 58 & -6 \end{bmatrix}$$

$$1309, 270, \begin{bmatrix} 4 & 5 & 7 \\ 8 & -5 & -1 \\ 1 & 2 & -2 \end{bmatrix}$$

$$1310, 5170, \begin{bmatrix} 1 & 3 & 32 \\ 3 & -1 & 0 \\ 16 & 48 & -5 \end{bmatrix}$$

$$1311, 1341, \begin{bmatrix} 2 & 8 & 9 \\ 1 & 2 & -2 \\ 34 & -13 & 4 \end{bmatrix}$$

$$1312, 6960, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 13 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 13 & 13 & 13 & 13 & 13 & -5 \end{bmatrix}$$

$$1313, 356, \begin{bmatrix} 6 & 26 \\ 13 & -3 \end{bmatrix}$$

$$1314, 2700, \begin{bmatrix} 1 & 2 & 2 & 21 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 7 & 14 & 14 & -3 \end{bmatrix}$$

$$1315, 3145, \begin{bmatrix} 3 & 56 \\ 56 & -3 \end{bmatrix}$$

$$1316, 1458, \begin{bmatrix} 1 & 1 & 4 & 15 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 5 & 5 & 20 & -6 \end{bmatrix}$$

$$1317, 7229, \begin{bmatrix} 2 & 85 \\ 85 & -2 \end{bmatrix}$$

$$1318, 14401, \begin{bmatrix} 1 & 120 \\ 120 & -1 \end{bmatrix}$$

$$1319, 215, [215]$$

$$1320, 4428, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 5 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 1 & -1 & 0 & 0 \\ 0 & 2 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 2 & 2 & -2 \\ 8 & 8 & 8 & 16 & -17 & -1 \end{bmatrix}$$

$$1321, 216, [216]$$

$$1322, 14642, \begin{bmatrix} 1 & 121 \\ 121 & -1 \end{bmatrix}$$

$$1323, 264, \begin{bmatrix} 2 & 2 & 2 & 4 & 4 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 4 & 4 & 4 & -3 & -3 \end{bmatrix}$$

$$1324, 8982, \begin{bmatrix} 1 & 1 & 67 \\ 1 & -1 & 0 \\ 67 & 67 & -2 \end{bmatrix}$$

$$1325, 274, \begin{bmatrix} 3 & 3 & 16 \\ 1 & -1 & 0 \\ 8 & 8 & -3 \end{bmatrix}$$

$$1326, 270, \begin{bmatrix} 1 & 2 & 6 & 7 \\ 1 & 0 & 1 & -1 \\ 3 & 1 & -2 & 1 \\ 1 & -4 & 0 & 1 \end{bmatrix}$$

$$1327, 217, [217]$$

$$1328, 4264, \begin{bmatrix} 1 & 1 & 1 & 1 & 23 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 23 & 23 & 23 & 23 & -4 \end{bmatrix}$$

$$1329, 3700, \begin{bmatrix} 2 & 86 \\ 43 & -1 \end{bmatrix}$$

$$1330, 270, \begin{bmatrix} 1 & 3 & 4 & 8 \\ 1 & 1 & -1 & 0 \\ 3 & -1 & 2 & -1 \\ 1 & -3 & -2 & 2 \end{bmatrix}$$

$$1331, 30, \begin{bmatrix} 5 & 5 & 5 \\ 1 & 0 & -1 \\ 1 & -2 & 1 \end{bmatrix}$$

$$1332, 1540, \begin{bmatrix} 1 & 1 & 2 & 2 & 12 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 4 & 4 & 1 & 1 & -1 \\ 2 & 2 & -7 & -7 & 2 \end{bmatrix}$$

$$1333, 317, \begin{bmatrix} 11 & 14 \\ 14 & -11 \end{bmatrix}$$

$$1334, 546, \begin{bmatrix} 1 & 9 & 10 \\ 19 & -11 & 8 \\ 1 & 1 & -1 \end{bmatrix}$$

$$1335, 6479, \begin{bmatrix} 2 & 3 & 24 \\ 3 & 14 & -2 \\ 18 & -4 & -1 \end{bmatrix}$$

$$1336, 3048, \begin{bmatrix} 1 & 1 & 1 & 39 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 13 & 13 & 13 & -1 \end{bmatrix}$$

$$1337, 1865, \begin{bmatrix} 4 & 43 \\ 43 & -4 \end{bmatrix}$$

$$1338, 11545, \begin{bmatrix} 1 & 2 & 48 \\ 2 & -1 & 0 \\ 48 & 96 & -5 \end{bmatrix}$$

$$1339, 255, \begin{bmatrix} 6 & 27 \\ 9 & -2 \end{bmatrix}$$

$$1340, 3720, \begin{bmatrix} 1 & 1 & 3 & 19 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & 3 & -1 \\ 5 & 5 & -16 & 2 \end{bmatrix}$$

$$1341, 2466, \begin{bmatrix} 2 & 2 & 35 \\ 1 & -1 & 0 \\ 35 & 35 & -4 \end{bmatrix}$$

$$1342, 1050, \begin{bmatrix} 1 & 5 & 18 \\ 11 & 5 & -2 \\ 2 & -4 & 1 \end{bmatrix}$$

$$1343, 533, \begin{bmatrix} 7 & 22 \\ 22 & -7 \end{bmatrix}$$

$$1344, 1664, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 4 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 1 & 0 & 0 & 1 & -1 \\ 1 & 1 & -1 & -1 & 1 & 1 & 1 & -1 \\ 3 & 3 & 3 & 3 & 3 & 3 & -7 & -1 \end{bmatrix}$$

$$1345, 1086, \begin{bmatrix} 3 & 57 \\ 19 & -1 \end{bmatrix}$$

$$1346, 14885, \begin{bmatrix} 1 & 122 \\ 122 & -1 \end{bmatrix}$$

$$1347, 7573, \begin{bmatrix} 2 & 87 \\ 87 & -2 \end{bmatrix}$$

$$1348, 4626, \begin{bmatrix} 1 & 1 & 68 \\ 1 & -1 & 0 \\ 34 & 34 & -1 \end{bmatrix}$$

$$1349, 116, \begin{bmatrix} 8 & 20 \\ 5 & -2 \end{bmatrix}$$

$$1350, 1860, \begin{bmatrix} 1 & 2 & 2 & 2 & 3 & 3 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 0 & 1 & 1 & 1 & -1 & -1 \\ 0 & 1 & -2 & 1 & 0 & 0 \\ 30 & -2 & -2 & -2 & -3 & -3 \end{bmatrix}$$

$$1351, 488, \begin{bmatrix} 4 & 44 \\ 11 & -1 \end{bmatrix}$$

$$1352, 300, \begin{bmatrix} 1 & 1 & 1 & 6 & 6 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 4 & 4 & 4 & -1 & -1 \end{bmatrix}$$

$$1353, 198, \begin{bmatrix} 2 & 5 & 13 \\ 4 & 1 & -1 \\ 1 & -3 & 1 \end{bmatrix}$$

$$1354, 15130, \begin{bmatrix} 1 & 123 \\ 123 & -1 \end{bmatrix}$$

$$1355, 3373, \begin{bmatrix} 3 & 58 \\ 58 & -3 \end{bmatrix}$$

$$1356, 906, \begin{bmatrix} 1 & 1 & 2 & 30 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 5 & 5 & 10 & -1 \end{bmatrix}$$

$$1357, 370, \begin{bmatrix} 9 & 17 \\ 17 & -9 \end{bmatrix}$$

$$1358, 10914, \begin{bmatrix} 1 & 4 & 25 \\ 5 & 5 & -1 \\ 43 & -42 & 5 \end{bmatrix}$$

$$1359, 652, \begin{bmatrix} 2 & 2 & 36 \\ 1 & -1 & 0 \\ 9 & 9 & -1 \end{bmatrix}$$

$$1360, 1488, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 7 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & -1 \\ 5 & 5 & 5 & 5 & -16 & 4 \end{bmatrix}$$

1361, 218, [218]

$$1362, 12030, \begin{bmatrix} 1 & 2 & 49 \\ 2 & -1 & 0 \\ 49 & 98 & -5 \end{bmatrix}$$

$$1363, 65, \begin{bmatrix} 10 & 15 \\ 3 & -2 \end{bmatrix}$$

$$1364, 1480, \begin{bmatrix} 1 & 1 & 5 & 11 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 1 & -1 \\ 4 & 4 & -17 & 7 \end{bmatrix}$$

$$1365, 325, \begin{bmatrix} 2 & 3 & 4 & 6 \\ 2 & 0 & -1 & 0 \\ 0 & 2 & 0 & -1 \\ 3 & -2 & 6 & -4 \end{bmatrix}$$

$$1366, 15377, \begin{bmatrix} 1 & 124 \\ 124 & -1 \end{bmatrix}$$

1367, 219, [219]

$$1368, 1500, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 8 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 2 & 0 & 2 & -1 & -1 & 0 \\ 1 & -2 & 1 & 2 & 2 & -1 \\ 1 & 6 & 1 & 2 & 2 & -2 \end{bmatrix}$$

$$1369, 24, \begin{bmatrix} 12 & 12 \\ 1 & -1 \end{bmatrix}$$

$$1370, 10990, \begin{bmatrix} 1 & 3 & 33 \\ 3 & -1 & 0 \\ 33 & 99 & -10 \end{bmatrix}$$

$$1371, 3874, \begin{bmatrix} 2 & 88 \\ 44 & -1 \end{bmatrix}$$

$$1372, 300, \begin{bmatrix} 1 & 1 & 4 & 4 & 4 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 \\ 0 & 0 & 1 & -2 & 1 \\ 6 & 6 & -1 & -1 & -1 \end{bmatrix}$$

1373, 220, [220]

$$1374, 2505, \begin{bmatrix} 1 & 2 & 50 \\ 2 & -1 & 0 \\ 10 & 20 & -1 \end{bmatrix}$$

$$1375, 312, \begin{bmatrix} 3 & 3 & 3 & 5 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 5 & 5 & 5 & -9 \end{bmatrix}$$

$$1376, 8040, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 14 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 14 & 14 & 14 & 14 & 14 & -5 \end{bmatrix}$$

$$1377, 520, \begin{bmatrix} 2 & 2 & 2 & 2 & 7 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 7 & 7 & 7 & 7 & -8 \end{bmatrix}$$

$$1378, 4102, \begin{bmatrix} 1 & 6 & 16 \\ 2 & -3 & 1 \\ 54 & 31 & -15 \end{bmatrix}$$

$$1379, 2041, \begin{bmatrix} 4 & 45 \\ 45 & -4 \end{bmatrix}$$

$$1380, 384, \begin{bmatrix} 1 & 1 & 2 & 3 & 9 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -5 & 1 \\ 1 & 1 & 2 & 1 & -1 \end{bmatrix}$$

1381, 221, [221]

$$1382, 15626, \begin{bmatrix} 1 & 125 \\ 125 & -1 \end{bmatrix}$$

$$1383, 7925, \begin{bmatrix} 2 & 89 \\ 89 & -2 \end{bmatrix}$$

$$1384, 9618, \begin{bmatrix} 1 & 1 & 1 & 40 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 40 & 40 & 40 & -3 \end{bmatrix}$$

$$1385, 3490, \begin{bmatrix} 3 & 59 \\ 59 & -3 \end{bmatrix}$$

$$1386, 750, \begin{bmatrix} 1 & 2 & 2 & 4 & 5 \\ 2 & 0 & -1 & 0 & 0 \\ 0 & 2 & 0 & -1 & 0 \\ 1 & 0 & 2 & 0 & -1 \\ 1 & -3 & 2 & -6 & 5 \end{bmatrix}$$

$$1387, 505, \begin{bmatrix} 8 & 21 \\ 21 & -8 \end{bmatrix}$$

$$1388, 9526, \begin{bmatrix} 1 & 1 & 69 \\ 1 & -1 & 0 \\ 69 & 69 & -2 \end{bmatrix}$$

$$1389, 4052, \begin{bmatrix} 2 & 90 \\ 45 & -1 \end{bmatrix}$$

$$1390, 5830, \begin{bmatrix} 1 & 3 & 34 \\ 3 & -1 & 0 \\ 17 & 51 & -5 \end{bmatrix}$$

$$1391, 410, \begin{bmatrix} 6 & 28 \\ 14 & -3 \end{bmatrix}$$

$$1392, 1296, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 10 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 2 & 2 & 2 & 2 & 1 & -1 \\ 1 & 1 & 1 & 1 & -7 & 1 \end{bmatrix}$$

$$1393, 1066, \begin{bmatrix} 4 & 46 \\ 23 & -2 \end{bmatrix}$$

$$1394, 438, \begin{bmatrix} 1 & 7 & 13 \\ 11 & 4 & -3 \\ 1 & -2 & 1 \end{bmatrix}$$

$$1395, 1380, \begin{bmatrix} 2 & 2 & 3 & 11 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 1 & -1 \\ 7 & 7 & -24 & 4 \end{bmatrix}$$

$$1396, 4902, \begin{bmatrix} 1 & 1 & 70 \\ 1 & -1 & 0 \\ 35 & 35 & -1 \end{bmatrix}$$

$$1397, 986, \begin{bmatrix} 5 & 31 \\ 31 & -5 \end{bmatrix}$$

$$1398, 13030, \begin{bmatrix} 1 & 2 & 51 \\ 2 & -1 & 0 \\ 51 & 102 & -5 \end{bmatrix}$$

$$1399, 222, [222]$$

$$1400, 3108, \begin{bmatrix} 1 & 1 & 1 & 3 & 3 & 4 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 2 & 2 & 2 & -1 & -1 & 0 \\ 4 & 4 & 4 & 12 & 12 & -21 \end{bmatrix}$$

$$1401, 8285, \begin{bmatrix} 2 & 91 \\ 91 & -2 \end{bmatrix}$$

$$1402, 15877, \begin{bmatrix} 1 & 126 \\ 126 & -1 \end{bmatrix}$$

$$1403, 45, \begin{bmatrix} 9 & 18 \\ 2 & -1 \end{bmatrix}$$

$$1404, 500, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 6 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 1 & 0 & 1 & -1 \\ 1 & 1 & -1 & 1 & -1 & 0 \\ 2 & 2 & -1 & -6 & -1 & 2 \end{bmatrix}$$

$$1405, 1203, \begin{bmatrix} 3 & 60 \\ 20 & -1 \end{bmatrix}$$

$$1406, 2717, \begin{bmatrix} 1 & 8 & 12 \\ 0 & 3 & -2 \\ 52 & -2 & -3 \end{bmatrix}$$

$$1407, 1905, \begin{bmatrix} 2 & 4 & 19 \\ 2 & -1 & 0 \\ 19 & 38 & -10 \end{bmatrix}$$

$$1408, 2048, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 5 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & 1 & -1 & 1 & 1 & 1 & -1 \\ 1 & 1 & -1 & 3 & -1 & 1 & 1 & -1 \\ 1 & 1 & -3 & -3 & -3 & 1 & 1 & 1 \end{bmatrix}$$

1409, 223, [223]

$$1410, 10038, \begin{bmatrix} 1 & 2 & 3 & 15 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 15 & 30 & 45 & -14 \end{bmatrix}$$

$$1411, 578, \begin{bmatrix} 7 & 23 \\ 23 & -7 \end{bmatrix}$$

$$1412, 10086, \begin{bmatrix} 1 & 1 & 71 \\ 1 & -1 & 0 \\ 71 & 71 & -2 \end{bmatrix}$$

$$1413, 2754, \begin{bmatrix} 2 & 2 & 37 \\ 1 & -1 & 0 \\ 37 & 37 & -4 \end{bmatrix}$$

$$1414, 6237, \begin{bmatrix} 1 & 4 & 26 \\ 14 & -10 & 1 \\ 8 & 11 & -2 \end{bmatrix}$$

$$1415, 3730, \begin{bmatrix} 3 & 61 \\ 61 & -3 \end{bmatrix}$$

$$1416, 12432, \begin{bmatrix} 1 & 1 & 1 & 2 & 17 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 17 & 17 & 17 & 34 & -7 \end{bmatrix}$$

$$1417, 877, \begin{bmatrix} 6 & 29 \\ 29 & -6 \end{bmatrix}$$

$$1418, 16130, \begin{bmatrix} 1 & 127 \\ 127 & -1 \end{bmatrix}$$

$$1419, 675, \begin{bmatrix} 2 & 5 & 14 \\ 2 & 2 & -1 \\ 11 & -10 & 2 \end{bmatrix}$$

$$1420, 9042, \begin{bmatrix} 1 & 1 & 3 & 20 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 20 & 20 & 60 & -11 \end{bmatrix}$$

$$1421, 132, \begin{bmatrix} 4 & 4 & 10 \\ 1 & -1 & 0 \\ 5 & 5 & -4 \end{bmatrix}$$

$$1422, 6902, \begin{bmatrix} 1 & 2 & 2 & 22 \\ 0 & 1 & -1 & 0 \\ 10 & 3 & 3 & -1 \\ 8 & -13 & -13 & 2 \end{bmatrix}$$

1423, 224, [224]

$$1424, 1160, \begin{bmatrix} 1 & 1 & 1 & 1 & 24 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 6 & 6 & 6 & 6 & -1 \end{bmatrix}$$

$$1425, 344, \begin{bmatrix} 2 & 3 & 3 & 8 \\ 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & -1 \\ 11 & -5 & -5 & 1 \end{bmatrix}$$

$$1426, 1218, \begin{bmatrix} 1 & 9 & 11 \\ 13 & 1 & -2 \\ 1 & -5 & 4 \end{bmatrix}$$

1427, 225, [225]

$$1428, 2982, \begin{bmatrix} 1 & 1 & 2 & 4 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & 2 & -2 \\ 11 & 11 & 22 & -27 & 6 \end{bmatrix}$$

1429, 226, [226]

$$1430, 1491, \begin{bmatrix} 1 & 3 & 5 & 6 \\ 1 & 0 & 1 & -1 \\ 2 & -1 & -1 & 1 \\ 11 & 33 & -16 & -5 \end{bmatrix}$$

$$1431, 804, \begin{bmatrix} 2 & 2 & 2 & 16 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 8 & 8 & 8 & -3 \end{bmatrix}$$

$$1432, 10104, \begin{bmatrix} 1 & 1 & 1 & 41 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 41 & 41 & 41 & -3 \end{bmatrix}$$

1433, 227, [227]

$$1434, 13545, \begin{bmatrix} 1 & 2 & 52 \\ 2 & -1 & 0 \\ 52 & 104 & -5 \end{bmatrix}$$

$$1435, 1746, \begin{bmatrix} 3 & 4 & 13 \\ 1 & -4 & 1 \\ 28 & 5 & -8 \end{bmatrix}$$

$$1436, 5186, \begin{bmatrix} 1 & 1 & 72 \\ 1 & -1 & 0 \\ 36 & 36 & -1 \end{bmatrix}$$

$$1437, 4234, \begin{bmatrix} 2 & 92 \\ 46 & -1 \end{bmatrix}$$

$$1438, 16385, \begin{bmatrix} 1 & 128 \\ 128 & -1 \end{bmatrix}$$

$$1439, 228, [228]$$

$$1440, 2112, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 2 & 3 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & -1 & 1 \\ 1 & 1 & 2 & 1 & 1 & 0 & 0 & -2 \\ 4 & 4 & -7 & 4 & 4 & -3 & -3 & 1 \end{bmatrix}$$

$$1441, 1049, \begin{bmatrix} 5 & 32 \\ 32 & -5 \end{bmatrix}$$

$$1442, 12682, \begin{bmatrix} 1 & 4 & 27 \\ 4 & -1 & 0 \\ 27 & 108 & -17 \end{bmatrix}$$

$$1443, 460, \begin{bmatrix} 2 & 6 & 12 \\ 3 & -1 & 0 \\ 3 & 9 & -5 \end{bmatrix}$$

$$1444, 260, \begin{bmatrix} 1 & 1 & 8 & 8 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 8 & 8 & -1 & -1 \end{bmatrix}$$

$$1445, 214, \begin{bmatrix} 3 & 7 & 7 \\ 0 & 1 & -1 \\ 14 & -3 & -3 \end{bmatrix}$$

$$1446, 14070, \begin{bmatrix} 1 & 2 & 53 \\ 2 & -1 & 0 \\ 53 & 106 & -5 \end{bmatrix}$$

1447, 229, [229]

$$1448, 3534, \begin{bmatrix} 1 & 1 & 1 & 42 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 14 & 14 & 14 & -1 \end{bmatrix}$$

$$1449, 210, \begin{bmatrix} 2 & 2 & 4 & 9 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 3 & 3 & 6 & -4 \end{bmatrix}$$

$$1450, 1666, \begin{bmatrix} 1 & 3 & 3 & 10 \\ 1 & 2 & 1 & -1 \\ 3 & -2 & 1 & 0 \\ 7 & 4 & -13 & 2 \end{bmatrix}$$

1451, 230, [230]

$$1452, 336, \begin{bmatrix} 1 & 1 & 2 & 5 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & -1 & 0 & 0 \\ 5 & 5 & 10 & -3 & -3 \end{bmatrix}$$

1453, 231, [231]

$$1454, 16642, \begin{bmatrix} 1 & 129 \\ 129 & -1 \end{bmatrix}$$

$$1455, 5742, \begin{bmatrix} 2 & 3 & 25 \\ 14 & -1 & -1 \\ 1 & 16 & -2 \end{bmatrix}$$

$$1456, 672, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 6 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 2 & 2 & 2 & 2 & 1 & -2 \\ 1 & 1 & 1 & 1 & -4 & 2 \end{bmatrix}$$

$$1457, 346, \begin{bmatrix} 11 & 15 \\ 15 & -11 \end{bmatrix}$$

$$1458, 1000, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 2 & 2 \\ 0 & 1 & 0 & 0 & 0 & 0 & -1 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 & -1 & 1 \\ 2 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 1 & -4 & 0 & 1 & 1 \\ 2 & -1 & -1 & -1 & 4 & -1 & -1 \end{bmatrix}$$

$$1459, 232, [232]$$

$$1460, 9944, \begin{bmatrix} 1 & 1 & 3 & 21 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 5 & -1 \\ 27 & 27 & -32 & 2 \end{bmatrix}$$

$$1461, 8653, \begin{bmatrix} 2 & 93 \\ 93 & -2 \end{bmatrix}$$

$$1462, 1230, \begin{bmatrix} 1 & 7 & 14 \\ 0 & 2 & -1 \\ 35 & -1 & -2 \end{bmatrix}$$

$$1463, 105, \begin{bmatrix} 4 & 5 & 8 \\ 2 & 0 & -1 \\ 1 & -4 & 2 \end{bmatrix}$$

$$1464, 13902, \begin{bmatrix} 1 & 1 & 1 & 2 & 18 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 18 & 18 & 18 & 36 & -7 \end{bmatrix}$$

$$1465, 3853, \begin{bmatrix} 3 & 62 \\ 62 & -3 \end{bmatrix}$$

$$1466, 16901, \begin{bmatrix} 1 & 130 \\ 130 & -1 \end{bmatrix}$$

$$1467, 1452, \begin{bmatrix} 2 & 2 & 38 \\ 1 & -1 & 0 \\ 19 & 19 & -2 \end{bmatrix}$$

$$1468, 10662, \begin{bmatrix} 1 & 1 & 73 \\ 1 & -1 & 0 \\ 73 & 73 & -2 \end{bmatrix}$$

$$1469, 156, \begin{bmatrix} 6 & 30 \\ 5 & -1 \end{bmatrix}$$

$$1470, 1380, \begin{bmatrix} 1 & 2 & 3 & 4 & 4 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & -1 & 0 & 0 \\ 2 & 0 & 2 & -1 & -1 \\ 13 & -20 & -7 & 6 & 6 \end{bmatrix}$$

$$1471, 233, [233]$$

$$1472, 1392, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 9 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 3 & 3 & 3 & 3 & 3 & 3 & -2 \end{bmatrix}$$

$$1473, 4420, \begin{bmatrix} 2 & 94 \\ 47 & -1 \end{bmatrix}$$

$$1474, 774, \begin{bmatrix} 1 & 5 & 19 \\ 9 & 2 & -1 \\ 1 & -4 & 1 \end{bmatrix}$$

$$1475, 614, \begin{bmatrix} 3 & 3 & 17 \\ 1 & -1 & 0 \\ 17 & 17 & -6 \end{bmatrix}$$

$$1476, 3580, \begin{bmatrix} 1 & 1 & 2 & 2 & 13 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 13 & 13 & 26 & 26 & -10 \end{bmatrix}$$

$$1477, 2225, \begin{bmatrix} 4 & 47 \\ 47 & -4 \end{bmatrix}$$

$$1478, 17162, \begin{bmatrix} 1 & 131 \\ 131 & -1 \end{bmatrix}$$

$$1479, 153, \begin{bmatrix} 2 & 7 & 10 \\ 3 & 2 & -2 \\ 2 & -2 & 1 \end{bmatrix}$$

$$1480, 312, \begin{bmatrix} 1 & 1 & 1 & 3 & 12 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & 3 & -1 \end{bmatrix}$$

$$1481, 234, [234]$$

$$1482, 630, \begin{bmatrix} 1 & 2 & 6 & 8 \\ 2 & 0 & 1 & -1 \\ 2 & -3 & -2 & 2 \\ 2 & 4 & -3 & 1 \end{bmatrix}$$

1483, 235, [235]

$$1484, 2466, \begin{bmatrix} 1 & 1 & 4 & 16 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 8 & 8 & 32 & -9 \end{bmatrix}$$

$$1485, 1380, \begin{bmatrix} 2 & 2 & 2 & 3 & 5 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 1 & -1 \\ 2 & 0 & 2 & -1 & -1 \\ 3 & -20 & 3 & 16 & -4 \end{bmatrix}$$

$$1486, 17425, \begin{bmatrix} 1 & 132 \\ 132 & -1 \end{bmatrix}$$

1487, 236, [236]

$$1488, 4128, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 11 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 11 & 11 & 11 & 11 & 22 & -8 \end{bmatrix}$$

1489, 237, [237]

$$1490, 2470, \begin{bmatrix} 1 & 3 & 35 \\ 3 & -1 & 0 \\ 7 & 21 & -2 \end{bmatrix}$$

$$1491, 210, \begin{bmatrix} 2 & 4 & 20 \\ 2 & -1 & 0 \\ 2 & 4 & -1 \end{bmatrix}$$

$$1492, 5478, \begin{bmatrix} 1 & 1 & 74 \\ 1 & -1 & 0 \\ 37 & 37 & -1 \end{bmatrix}$$

1493, 238, [238]

$$1494, 9684, \begin{bmatrix} 1 & 2 & 2 & 23 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 23 & 46 & 46 & -9 \end{bmatrix}$$

$$1495, 126, \begin{bmatrix} 3 & 6 & 9 \\ 1 & -2 & 1 \\ 4 & 1 & -2 \end{bmatrix}$$

$$1496, 1848, \begin{bmatrix} 1 & 1 & 1 & 5 & 7 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 3 & 1 & -1 & 0 \\ 4 & -3 & 4 & -1 & 0 \\ 1 & 1 & 1 & 5 & -4 \end{bmatrix}$$

$$1497, 9029, \begin{bmatrix} 2 & 95 \\ 95 & -2 \end{bmatrix}$$

$$1498, 8010, \begin{bmatrix} 1 & 4 & 28 \\ 8 & 5 & -1 \\ 16 & -25 & 3 \end{bmatrix}$$

$$1499, 239, [239]$$

$$1500, 396, \begin{bmatrix} 1 & 1 & 2 & 3 & 3 & 3 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -2 & 1 \\ 3 & 3 & 6 & -2 & -2 & -2 \end{bmatrix}$$

$$1501, 274, \begin{bmatrix} 8 & 22 \\ 11 & -4 \end{bmatrix}$$

$$1502, 17690, \begin{bmatrix} 1 & 133 \\ 133 & -1 \end{bmatrix}$$

$$1503, 3058, \begin{bmatrix} 2 & 2 & 39 \\ 1 & -1 & 0 \\ 39 & 39 & -4 \end{bmatrix}$$

$$1504, 1840, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 15 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 3 & 3 & 3 & 3 & 3 & -1 \end{bmatrix}$$

$$1505, 1989, \begin{bmatrix} 3 & 4 & 14 \\ 10 & -4 & -1 \\ 4 & 11 & -4 \end{bmatrix}$$

$$1506, 14605, \begin{bmatrix} 1 & 2 & 54 \\ 2 & -1 & 0 \\ 54 & 108 & -5 \end{bmatrix}$$

$$1507, 1114, \begin{bmatrix} 5 & 33 \\ 33 & -5 \end{bmatrix}$$

$$1508, 690, \begin{bmatrix} 1 & 1 & 6 & 10 \\ 1 & -1 & 0 & 0 \\ 7 & 7 & -4 & 1 \\ 1 & 1 & 3 & -2 \end{bmatrix}$$

$$1509, 4610, \begin{bmatrix} 2 & 96 \\ 48 & -1 \end{bmatrix}$$

$$1510, 6530, \begin{bmatrix} 1 & 3 & 36 \\ 3 & -1 & 0 \\ 18 & 54 & -5 \end{bmatrix}$$

$$1511, 240, [240]$$

$$1512, 5580, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 & 4 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -2 & 1 & 0 \\ 2 & 2 & 2 & -1 & -1 & -1 & 0 \\ 4 & 4 & 4 & 8 & 8 & 8 & -15 \end{bmatrix}$$

$$1513, 625, \begin{bmatrix} 7 & 24 \\ 24 & -7 \end{bmatrix}$$

$$1514, 17957, \begin{bmatrix} 1 & 134 \\ 134 & -1 \end{bmatrix}$$

$$1515, 689, \begin{bmatrix} 2 & 3 & 26 \\ 3 & -2 & 0 \\ 4 & 6 & -1 \end{bmatrix}$$

$$1516, 11254, \begin{bmatrix} 1 & 1 & 75 \\ 1 & -1 & 0 \\ 75 & 75 & -2 \end{bmatrix}$$

$$1517, 313, \begin{bmatrix} 12 & 13 \\ 13 & -12 \end{bmatrix}$$

$$1518, 1110, \begin{bmatrix} 1 & 2 & 5 & 9 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 3 & 6 & 15 & -10 \end{bmatrix}$$

$$1519, 306, \begin{bmatrix} 4 & 4 & 11 \\ 1 & -1 & 0 \\ 11 & 11 & -8 \end{bmatrix}$$

$$1520, 1848, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 8 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -4 & 1 \\ 5 & 5 & 5 & 5 & 4 & -4 \end{bmatrix}$$

$$1521, 80, \begin{bmatrix} 2 & 2 & 6 & 6 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 3 & 3 & -1 & -1 \end{bmatrix}$$

$$1522, 18226, \begin{bmatrix} 1 & 135 \\ 135 & -1 \end{bmatrix}$$

$$1523, 241, [241]$$

$$1524, 5802, \begin{bmatrix} 1 & 1 & 2 & 31 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 31 & 31 & 62 & -6 \end{bmatrix}$$

$$1525, 114, \begin{bmatrix} 3 & 3 & 18 \\ 1 & -1 & 0 \\ 3 & 3 & -1 \end{bmatrix}$$

$$1526, 14586, \begin{bmatrix} 1 & 4 & 29 \\ 4 & -1 & 0 \\ 29 & 116 & -17 \end{bmatrix}$$

$$1527, 9413, \begin{bmatrix} 2 & 97 \\ 97 & -2 \end{bmatrix}$$

$$1528, 11112, \begin{bmatrix} 1 & 1 & 1 & 43 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 43 & 43 & 43 & -3 \end{bmatrix}$$

$$1529, 1181, \begin{bmatrix} 5 & 34 \\ 34 & -5 \end{bmatrix}$$

$$1530, 2680, \begin{bmatrix} 1 & 2 & 2 & 3 & 7 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & 1 & 1 & -1 \\ 2 & 1 & 1 & -2 & 0 \\ 28 & -11 & -11 & 17 & -5 \end{bmatrix}$$

$$1531, 242, [242]$$

$$1532, 5778, \begin{bmatrix} 1 & 1 & 76 \\ 1 & -1 & 0 \\ 38 & 38 & -1 \end{bmatrix}$$

$$1533, 2305, \begin{bmatrix} 2 & 4 & 21 \\ 2 & -1 & 0 \\ 21 & 42 & -10 \end{bmatrix}$$

$$1534, 3586, \begin{bmatrix} 1 & 6 & 17 \\ 1 & -3 & 1 \\ 57 & 16 & -9 \end{bmatrix}$$

$$1535, 1326, \begin{bmatrix} 3 & 63 \\ 21 & -1 \end{bmatrix}$$

$$1536, 7488, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 0 & 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & -1 & -1 & -1 & 0 & -1 & -1 & -1 & 1 & 2 \\ 0 & 1 & 1 & -2 & 0 & -2 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -12 & 1 & 1 & 1 & 1 & 2 \end{bmatrix}$$

$$1537, 178, \begin{bmatrix} 10 & 16 \\ 8 & -5 \end{bmatrix}$$

$$1538, 18497, \begin{bmatrix} 1 & 136 \\ 136 & -1 \end{bmatrix}$$

$$1539, 80, \begin{bmatrix} 2 & 2 & 2 & 2 & 8 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & -1 \end{bmatrix}$$

$$1540, 312, \begin{bmatrix} 1 & 1 & 3 & 4 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 \\ 0 & 0 & 1 & -2 & 1 \\ 3 & 3 & -4 & -1 & 2 \end{bmatrix}$$

$$1541, 442, \begin{bmatrix} 9 & 19 \\ 19 & -9 \end{bmatrix}$$

$$1542, 3030, \begin{bmatrix} 1 & 2 & 55 \\ 2 & -1 & 0 \\ 11 & 22 & -1 \end{bmatrix}$$

$$1543, 243, [243]$$

$$1544, 11634, \begin{bmatrix} 1 & 1 & 1 & 44 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 44 & 44 & 44 & -3 \end{bmatrix}$$

$$1545, 9646, \begin{bmatrix} 2 & 3 & 27 \\ 9 & 3 & -1 \\ 12 & -35 & 3 \end{bmatrix}$$

$$1546, 18770, \begin{bmatrix} 1 & 137 \\ 137 & -1 \end{bmatrix}$$

$$1547, 909, \begin{bmatrix} 4 & 6 & 7 \\ 2 & 1 & -2 \\ 19 & -22 & 8 \end{bmatrix}$$

$$1548, 2060, \begin{bmatrix} 1 & 1 & 2 & 2 & 14 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 7 & 7 & 14 & 14 & -5 \end{bmatrix}$$

1549, 244, [244]

$$1550, 280, \begin{bmatrix} 1 & 3 & 3 & 11 \\ 0 & 1 & -1 & 0 \\ 5 & 1 & 1 & -1 \\ 1 & -2 & -2 & 1 \end{bmatrix}$$

$$1551, 1270, \begin{bmatrix} 2 & 5 & 15 \\ 0 & 3 & -1 \\ 25 & -1 & -3 \end{bmatrix}$$

$$1552, 5032, \begin{bmatrix} 1 & 1 & 1 & 1 & 25 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 25 & 25 & 25 & 25 & -4 \end{bmatrix}$$

1553, 245, [245]

$$1554, 990, \begin{bmatrix} 1 & 2 & 4 & 12 \\ 2 & 1 & -1 & 0 \\ 2 & -1 & 3 & -1 \\ 2 & -7 & -3 & 2 \end{bmatrix}$$

$$1555, 4105, \begin{bmatrix} 3 & 64 \\ 64 & -3 \end{bmatrix}$$

$$1556, 11862, \begin{bmatrix} 1 & 1 & 77 \\ 1 & -1 & 0 \\ 77 & 77 & -2 \end{bmatrix}$$

$$1557, 804, \begin{bmatrix} 2 & 2 & 40 \\ 1 & -1 & 0 \\ 10 & 10 & -1 \end{bmatrix}$$

$$1558, 1170, \begin{bmatrix} 1 & 8 & 13 \\ 8 & -1 & 0 \\ 1 & 8 & -5 \end{bmatrix}$$

$$1559, 246, [246]$$

$$1560, 1248, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 6 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 & 0 \\ 0 & 1 & 0 & 1 & 1 & -1 \\ 0 & 1 & 0 & -2 & 1 & 0 \\ 6 & -7 & 6 & -1 & 5 & -3 \end{bmatrix}$$

$$1561, 580, \begin{bmatrix} 4 & 48 \\ 12 & -1 \end{bmatrix}$$

$$1562, 5538, \begin{bmatrix} 1 & 5 & 20 \\ 5 & 7 & -2 \\ 25 & -17 & 3 \end{bmatrix}$$

$$1563, 4804, \begin{bmatrix} 2 & 98 \\ 49 & -1 \end{bmatrix}$$

$$1564, 264, \begin{bmatrix} 1 & 1 & 7 & 9 \\ 1 & -1 & 0 & 0 \\ 4 & 4 & -5 & 3 \\ 1 & 1 & 1 & -1 \end{bmatrix}$$

$$1565, 4234, \begin{bmatrix} 3 & 65 \\ 65 & -3 \end{bmatrix}$$

$$1566, 8814, \begin{bmatrix} 1 & 2 & 2 & 2 & 10 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 6 & -1 & -1 & -1 & 0 \\ 10 & 20 & 20 & 20 & -13 \end{bmatrix}$$

$$1567, 247, [247]$$

$$1568, 2960, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 4 & 4 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 & 0 \\ 8 & 8 & 8 & 8 & 8 & -5 & -5 \end{bmatrix}$$

$$1569, 9805, \begin{bmatrix} 2 & 99 \\ 99 & -2 \end{bmatrix}$$

$$1570, 13790, \begin{bmatrix} 1 & 3 & 37 \\ 3 & -1 & 0 \\ 37 & 111 & -10 \end{bmatrix}$$

$$1571, 248, [248]$$

$$1572, 3090, \begin{bmatrix} 1 & 1 & 2 & 32 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 16 & 16 & 32 & -3 \end{bmatrix}$$

$$1573, 86, \begin{bmatrix} 5 & 5 & 6 \\ 1 & -1 & 0 \\ 3 & 3 & -5 \end{bmatrix}$$

$$1574, 19045, \begin{bmatrix} 1 & 138 \\ 138 & -1 \end{bmatrix}$$

$$1575, 84, \begin{bmatrix} 2 & 2 & 3 & 3 & 4 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & 0 & 0 & -1 \\ 1 & 1 & -2 & -2 & 2 \end{bmatrix}$$

$$1576, 4056, \begin{bmatrix} 1 & 1 & 1 & 45 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 15 & 15 & 15 & -1 \end{bmatrix}$$

$$1577, 593, \begin{bmatrix} 8 & 23 \\ 23 & -8 \end{bmatrix}$$

$$1578, 15705, \begin{bmatrix} 1 & 2 & 56 \\ 2 & -1 & 0 \\ 56 & 112 & -5 \end{bmatrix}$$

$$1579, 249, [249]$$

$$1580, 990, \begin{bmatrix} 1 & 1 & 3 & 22 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 2 & 2 & 6 & -1 \end{bmatrix}$$

$$1581, 174, \begin{bmatrix} 2 & 7 & 11 \\ 3 & -4 & 2 \\ 2 & 1 & -1 \end{bmatrix}$$

$$1582, 15589, \begin{bmatrix} 1 & 4 & 30 \\ 4 & -1 & 0 \\ 30 & 120 & -17 \end{bmatrix}$$

$$1583, 250, [250]$$

$$1584, 1776, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 5 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 0 \\ 5 & 5 & 5 & 5 & 10 & 10 & -12 \end{bmatrix}$$

$$1585, 1455, \begin{bmatrix} 3 & 66 \\ 22 & -1 \end{bmatrix}$$

$$1586, 3610, \begin{bmatrix} 1 & 6 & 18 \\ 0 & 3 & -1 \\ 60 & -1 & -3 \end{bmatrix}$$

$$1587, 166, \begin{bmatrix} 2 & 9 & 9 \\ 0 & 1 & -1 \\ 9 & -1 & -1 \end{bmatrix}$$

$$1588, 6086, \begin{bmatrix} 1 & 1 & 78 \\ 1 & -1 & 0 \\ 39 & 39 & -1 \end{bmatrix}$$

$$1589, 2417, \begin{bmatrix} 4 & 49 \\ 49 & -4 \end{bmatrix}$$

$$1590, 1620, \begin{bmatrix} 1 & 2 & 3 & 16 \\ 1 & -2 & 1 & 0 \\ 4 & -1 & -6 & 1 \\ 4 & 3 & 2 & -1 \end{bmatrix}$$

$$1591, 170, \begin{bmatrix} 12 & 14 \\ 7 & -6 \end{bmatrix}$$

$$1592, 12714, \begin{bmatrix} 1 & 1 & 1 & 46 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 46 & 46 & 46 & -3 \end{bmatrix}$$

$$1593, 1806, \begin{bmatrix} 2 & 2 & 2 & 17 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 17 & 17 & 17 & -6 \end{bmatrix}$$

$$1594, 19322, \begin{bmatrix} 1 & 139 \\ 139 & -1 \end{bmatrix}$$

$$1595, 670, \begin{bmatrix} 3 & 5 & 10 \\ 0 & 2 & -1 \\ 25 & -3 & -6 \end{bmatrix}$$

$$1596, 1290, \begin{bmatrix} 1 & 1 & 2 & 4 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 2 & -1 \\ 10 & 10 & 20 & -3 & -6 \end{bmatrix}$$

1597, 251, [251]

$$1598, 1650, \begin{bmatrix} 1 & 7 & 15 \\ 8 & 1 & -1 \\ 2 & -11 & 5 \end{bmatrix}$$

$$1599, 627, \begin{bmatrix} 2 & 6 & 13 \\ 7 & 2 & -2 \\ 2 & -5 & 2 \end{bmatrix}$$

$$1600, 384, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 3 & 3 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -1 & -1 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \end{bmatrix}$$

1601, 252, [252]

$$1602, 3510, \begin{bmatrix} 1 & 2 & 2 & 24 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 8 & 16 & 16 & -3 \end{bmatrix}$$

$$1603, 1258, \begin{bmatrix} 4 & 50 \\ 25 & -2 \end{bmatrix}$$

$$1604, 12486, \begin{bmatrix} 1 & 1 & 79 \\ 1 & -1 & 0 \\ 79 & 79 & -2 \end{bmatrix}$$

$$1605, 10361, \begin{bmatrix} 2 & 3 & 28 \\ 3 & -2 & 0 \\ 56 & 84 & -13 \end{bmatrix}$$

$$1606, 8406, \begin{bmatrix} 1 & 5 & 21 \\ 1 & 4 & -1 \\ 89 & -22 & 1 \end{bmatrix}$$

1607, 253, [253]

$$1608, 15456, \begin{bmatrix} 1 & 1 & 1 & 2 & 19 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 19 & 19 & 19 & 38 & -7 \end{bmatrix}$$

1609, 254, [254]

$$1610, 2247, \begin{bmatrix} 1 & 3 & 4 & 9 \\ 1 & 1 & -1 & 0 \\ 1 & -2 & -1 & 1 \\ 34 & -5 & 29 & -15 \end{bmatrix}$$

$$1611, 3378, \begin{bmatrix} 2 & 2 & 41 \\ 1 & -1 & 0 \\ 41 & 41 & -4 \end{bmatrix}$$

$$1612, 2226, \begin{bmatrix} 1 & 1 & 6 & 11 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 3 & -2 \\ 15 & 15 & -16 & 6 \end{bmatrix}$$

1613, 255, [255]

$$1614, 16270, \begin{bmatrix} 1 & 2 & 57 \\ 2 & -1 & 0 \\ 57 & 114 & -5 \end{bmatrix}$$

$$1615, 854, \begin{bmatrix} 3 & 7 & 8 \\ 3 & 1 & -2 \\ 11 & -15 & 9 \end{bmatrix}$$

$$1616, 2720, \begin{bmatrix} 1 & 1 & 1 & 1 & 26 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 13 & 13 & 13 & 13 & -2 \end{bmatrix}$$

$$1617, 854, \begin{bmatrix} 2 & 4 & 4 & 5 \\ 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & -2 \\ 26 & -9 & -9 & 4 \end{bmatrix}$$

$$1618, 19601, \begin{bmatrix} 1 & 140 \\ 140 & -1 \end{bmatrix}$$

1619, 256, [256]

$$1620, 972, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 2 & 3 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 \\ 1 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -2 & 0 & 1 & 0 \\ 1 & 1 & -1 & -1 & 2 & -1 & 0 \\ 1 & 1 & 2 & 2 & 2 & 2 & -6 \end{bmatrix}$$

1621, 257, [257]

$$1622, 19882, \begin{bmatrix} 1 & 141 \\ 141 & -1 \end{bmatrix}$$

$$1623, 5002, \begin{bmatrix} 2 & 100 \\ 50 & -1 \end{bmatrix}$$

$$1624, 1428, \begin{bmatrix} 1 & 1 & 1 & 4 & 10 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & 1 & -1 \\ 2 & 2 & 2 & -9 & 3 \end{bmatrix}$$

$$1625, 126, \begin{bmatrix} 3 & 3 & 3 & 6 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 2 & 2 & 2 & -3 \end{bmatrix}$$

$$1626, 16845, \begin{bmatrix} 1 & 2 & 58 \\ 2 & -1 & 0 \\ 58 & 116 & -5 \end{bmatrix}$$

1627, 258, [258]

$$1628, 2394, \begin{bmatrix} 1 & 1 & 5 & 12 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -1 \\ 29 & 29 & -26 & 6 \end{bmatrix}$$

$$1629, 1772, \begin{bmatrix} 2 & 2 & 42 \\ 1 & -1 & 0 \\ 21 & 21 & -2 \end{bmatrix}$$

$$1630, 7270, \begin{bmatrix} 1 & 3 & 38 \\ 3 & -1 & 0 \\ 19 & 57 & -5 \end{bmatrix}$$

$$1631, 2617, \begin{bmatrix} 4 & 51 \\ 51 & -4 \end{bmatrix}$$

$$1632, 6264, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 7 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 \\ 7 & 7 & 7 & 7 & 7 & 14 & -9 \end{bmatrix}$$

$$1633, 481, \begin{bmatrix} 9 & 20 \\ 20 & -9 \end{bmatrix}$$

$$1634, 261, \begin{bmatrix} 1 & 8 & 14 \\ 4 & 3 & -2 \\ 2 & -2 & 1 \end{bmatrix}$$

$$1635, 7686, \begin{bmatrix} 2 & 3 & 29 \\ 2 & -11 & 1 \\ 23 & 4 & -2 \end{bmatrix}$$

$$1636, 6402, \begin{bmatrix} 1 & 1 & 80 \\ 1 & -1 & 0 \\ 40 & 40 & -1 \end{bmatrix}$$

$$1637, 259, [259]$$

$$1638, 1830, \begin{bmatrix} 1 & 2 & 2 & 4 & 6 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & 1 & -1 & 0 \\ 0 & 1 & 1 & 2 & -2 \\ 30 & -1 & -1 & -2 & -3 \end{bmatrix}$$

$$1639, 250, \begin{bmatrix} 5 & 35 \\ 7 & -1 \end{bmatrix}$$

$$1640, 4344, \begin{bmatrix} 1 & 1 & 1 & 3 & 13 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 13 & 13 & 13 & 39 & -12 \end{bmatrix}$$

$$1641, 10205, \begin{bmatrix} 2 & 101 \\ 101 & -2 \end{bmatrix}$$

$$1642, 20165, \begin{bmatrix} 1 & 142 \\ 142 & -1 \end{bmatrix}$$

$$1643, 377, \begin{bmatrix} 11 & 16 \\ 16 & -11 \end{bmatrix}$$

$$1644, 2190, \begin{bmatrix} 1 & 1 & 2 & 33 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 11 & 11 & 22 & -2 \end{bmatrix}$$

$$1645, 1250, \begin{bmatrix} 3 & 4 & 15 \\ 4 & -3 & 0 \\ 9 & 12 & -5 \end{bmatrix}$$

$$1646, 20450, \begin{bmatrix} 1 & 143 \\ 143 & -1 \end{bmatrix}$$

$$1647, 336, \begin{bmatrix} 2 & 2 & 2 & 18 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 3 & 3 & 3 & -1 \end{bmatrix}$$

$$1648, 5864, \begin{bmatrix} 1 & 1 & 1 & 1 & 27 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 27 & 27 & 27 & 27 & -4 \end{bmatrix}$$

$$1649, 674, \begin{bmatrix} 7 & 25 \\ 25 & -7 \end{bmatrix}$$

$$1650, 192, \begin{bmatrix} 1 & 2 & 3 & 3 & 5 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & 0 & -1 & -1 & 1 \\ 3 & -2 & 1 & 1 & -1 \\ 1 & 2 & 0 & 0 & -1 \end{bmatrix}$$

$$1651, 997, \begin{bmatrix} 6 & 31 \\ 31 & -6 \end{bmatrix}$$

$$1652, 5526, \begin{bmatrix} 1 & 1 & 4 & 17 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 17 & 17 & 68 & -18 \end{bmatrix}$$

$$1653, 84, \begin{bmatrix} 2 & 8 & 10 \\ 3 & -2 & 1 \\ 1 & 1 & -1 \end{bmatrix}$$

$$1654, 20737, \begin{bmatrix} 1 & 144 \\ 144 & -1 \end{bmatrix}$$

$$1655, 4498, \begin{bmatrix} 3 & 67 \\ 67 & -3 \end{bmatrix}$$

$$1656, 5520, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 9 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 2 & 0 & 2 & -1 & -1 & 0 \\ 1 & -1 & 1 & 2 & 2 & -1 \\ 2 & 25 & 2 & 4 & 4 & -5 \end{bmatrix}$$

$$1657, 260, [260]$$

$$1658, 21026, \begin{bmatrix} 1 & 145 \\ 145 & -1 \end{bmatrix}$$

$$1659, 1260, \begin{bmatrix} 2 & 4 & 22 \\ 5 & 3 & -1 \\ 5 & -8 & 1 \end{bmatrix}$$

$$1660, 3240, \begin{bmatrix} 1 & 1 & 3 & 23 \\ 1 & -1 & 0 & 0 \\ 7 & 7 & 3 & -1 \\ 2 & 2 & -9 & 1 \end{bmatrix}$$

$$1661, 1321, \begin{bmatrix} 5 & 36 \\ 36 & -5 \end{bmatrix}$$

$$1662, 17430, \begin{bmatrix} 1 & 2 & 59 \\ 2 & -1 & 0 \\ 59 & 118 & -5 \end{bmatrix}$$

1663, 261, [261]

$$1664, 14448, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 6 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & 0 & -2 & 1 & 1 & 0 \\ 1 & 1 & 1 & -6 & 1 & 1 & 1 & 0 \\ 6 & 6 & 6 & 6 & 6 & 6 & 6 & -7 \end{bmatrix}$$

$$1665, 4186, \begin{bmatrix} 2 & 2 & 3 & 12 \\ 1 & -1 & 0 & 0 \\ 9 & 9 & -4 & -2 \\ 3 & 3 & 16 & -5 \end{bmatrix}$$

$$1666, 328, \begin{bmatrix} 1 & 4 & 4 & 7 \\ 0 & 1 & -1 & 0 \\ 11 & 3 & 3 & -5 \\ 1 & -1 & -1 & 1 \end{bmatrix}$$

1667, 262, [262]

$$1668, 3486, \begin{bmatrix} 1 & 1 & 2 & 34 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 17 & 17 & 34 & -3 \end{bmatrix}$$

1669, 263, [263]

$$1670, 15310, \begin{bmatrix} 1 & 3 & 39 \\ 3 & -1 & 0 \\ 39 & 117 & -10 \end{bmatrix}$$

$$1671, 5204, \begin{bmatrix} 2 & 102 \\ 51 & -1 \end{bmatrix}$$

$$1672, 2760, \begin{bmatrix} 1 & 1 & 1 & 5 & 8 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 13 & 13 & 13 & -27 & 12 \end{bmatrix}$$

$$1673, 680, \begin{bmatrix} 4 & 52 \\ 13 & -1 \end{bmatrix}$$

$$1674, 5628, \begin{bmatrix} 1 & 2 & 2 & 2 & 11 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 1 & -2 & -2 & -2 & 1 \\ 36 & 5 & 5 & 5 & -6 \end{bmatrix}$$

$$1675, 758, \begin{bmatrix} 3 & 3 & 19 \\ 1 & -1 & 0 \\ 19 & 19 & -6 \end{bmatrix}$$

$$1676, 13126, \begin{bmatrix} 1 & 1 & 81 \\ 1 & -1 & 0 \\ 81 & 81 & -2 \end{bmatrix}$$

$$1677, 708, \begin{bmatrix} 2 & 6 & 14 \\ 1 & 2 & -1 \\ 17 & -8 & 1 \end{bmatrix}$$

$$1678, 21317, \begin{bmatrix} 1 & 146 \\ 146 & -1 \end{bmatrix}$$

$$1679, 174, \begin{bmatrix} 9 & 21 \\ 7 & -3 \end{bmatrix}$$

$$1680, 1188, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 3 & 4 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 1 & 1 & 1 & 0 & -1 \\ 1 & 0 & -2 & 1 & 0 & 0 & 0 \\ 3 & 3 & 3 & 3 & -5 & -2 & 1 \end{bmatrix}$$

$$1681, 26, \begin{bmatrix} 13 & 13 \\ 1 & -1 \end{bmatrix}$$

$$1682, 402, \begin{bmatrix} 1 & 10 & 10 \\ 0 & 1 & -1 \\ 20 & -1 & -1 \end{bmatrix}$$

$$1683, 820, \begin{bmatrix} 2 & 2 & 5 & 7 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 \\ 12 & 12 & -11 & 1 \end{bmatrix}$$

$$1684, 6726, \begin{bmatrix} 1 & 1 & 82 \\ 1 & -1 & 0 \\ 41 & 41 & -1 \end{bmatrix}$$

$$1685, 4633, \begin{bmatrix} 3 & 68 \\ 68 & -3 \end{bmatrix}$$

$$1686, 3605, \begin{bmatrix} 1 & 2 & 60 \\ 2 & -1 & 0 \\ 12 & 24 & -1 \end{bmatrix}$$

$$1687, 2825, \begin{bmatrix} 4 & 53 \\ 53 & -4 \end{bmatrix}$$

$$1688, 13272, \begin{bmatrix} 1 & 1 & 1 & 47 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 47 & 47 & 47 & -3 \end{bmatrix}$$

$$1689, 10613, \begin{bmatrix} 2 & 103 \\ 103 & -2 \end{bmatrix}$$

$$1690, 820, \begin{bmatrix} 1 & 3 & 6 & 6 \\ 0 & 0 & 1 & -1 \\ 3 & -1 & 0 & 0 \\ 6 & 18 & -5 & -5 \end{bmatrix}$$

$$1691, 80, \begin{bmatrix} 8 & 24 \\ 3 & -1 \end{bmatrix}$$

$$1692, 940, \begin{bmatrix} 1 & 1 & 2 & 2 & 15 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 3 & 3 & 6 & 6 & -2 \end{bmatrix}$$

$$1693, 264, [264]$$

$$1694, 670, \begin{bmatrix} 1 & 4 & 5 & 5 \\ 0 & 0 & 1 & -1 \\ 2 & 2 & -1 & -1 \\ 14 & -11 & 3 & 3 \end{bmatrix}$$

$$1695, 11869, \begin{bmatrix} 2 & 3 & 30 \\ 3 & -2 & 0 \\ 60 & 90 & -13 \end{bmatrix}$$

$$1696, 10440, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 16 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 16 & 16 & 16 & 16 & 16 & -5 \end{bmatrix}$$

$$1697, 265, [265]$$

$$1698, 18630, \begin{bmatrix} 1 & 2 & 61 \\ 2 & -1 & 0 \\ 61 & 122 & -5 \end{bmatrix}$$

1699, 266, [266]

$$1700, 1380, \begin{bmatrix} 1 & 1 & 3 & 3 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -3 & -3 & 2 \\ 9 & 9 & 4 & 4 & -6 \end{bmatrix}$$

$$1701, 216, \begin{bmatrix} 2 & 2 & 2 & 2 & 2 & 4 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 \\ 0 & 1 & -2 & 1 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 \end{bmatrix}$$

$$1702, 2486, \begin{bmatrix} 1 & 9 & 12 \\ 3 & -3 & 2 \\ 27 & 17 & -15 \end{bmatrix}$$

$$1703, 530, \begin{bmatrix} 6 & 32 \\ 16 & -3 \end{bmatrix}$$

$$1704, 17094, \begin{bmatrix} 1 & 1 & 1 & 2 & 20 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 20 & 20 & 20 & 40 & -7 \end{bmatrix}$$

$$1705, 930, \begin{bmatrix} 3 & 5 & 11 \\ 13 & 1 & -4 \\ 1 & -5 & 2 \end{bmatrix}$$

$$1706, 21610, \begin{bmatrix} 1 & 147 \\ 147 & -1 \end{bmatrix}$$

$$1707, 5410, \begin{bmatrix} 2 & 104 \\ 52 & -1 \end{bmatrix}$$

$$1708, 342, \begin{bmatrix} 1 & 1 & 4 & 18 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 1 & 1 & 4 & -1 \end{bmatrix}$$

$$1709, 267, [267]$$

$$1710, 1640, \begin{bmatrix} 1 & 2 & 2 & 3 & 8 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & -1 \\ 21 & 1 & 1 & -19 & 4 \end{bmatrix}$$

$$1711, 389, \begin{bmatrix} 10 & 17 \\ 17 & -10 \end{bmatrix}$$

$$1712, 1576, \begin{bmatrix} 1 & 1 & 1 & 1 & 28 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 7 & 7 & 7 & 7 & -1 \end{bmatrix}$$

$$1713, 11029, \begin{bmatrix} 2 & 105 \\ 105 & -2 \end{bmatrix}$$

$$1714, 21905, \begin{bmatrix} 1 & 148 \\ 148 & -1 \end{bmatrix}$$

$$1715, 114, \begin{bmatrix} 3 & 4 & 4 & 4 \\ 0 & 1 & 0 & -1 \\ 0 & 1 & -2 & 1 \\ 4 & -1 & -1 & -1 \end{bmatrix}$$

$$1716, 2814, \begin{bmatrix} 1 & 1 & 2 & 5 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & 0 & -1 \\ 5 & 5 & 10 & -42 & 30 \end{bmatrix}$$

$$1717, 725, \begin{bmatrix} 7 & 26 \\ 26 & -7 \end{bmatrix}$$

$$1718, 22202, \begin{bmatrix} 1 & 149 \\ 149 & -1 \end{bmatrix}$$

$$1719, 3714, \begin{bmatrix} 2 & 2 & 43 \\ 1 & -1 & 0 \\ 43 & 43 & -4 \end{bmatrix}$$

$$1720, 2496, \begin{bmatrix} 1 & 1 & 1 & 3 & 14 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 7 & 7 & 7 & 21 & -6 \end{bmatrix}$$

$$1721, 268, [268]$$

$$1722, 950, \begin{bmatrix} 1 & 2 & 4 & 13 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & 2 & -1 \\ 3 & 6 & -7 & 1 \end{bmatrix}$$

$$1723, 269, [269]$$

$$1724, 13782, \begin{bmatrix} 1 & 1 & 83 \\ 1 & -1 & 0 \\ 83 & 83 & -2 \end{bmatrix}$$

$$1725, 2266, \begin{bmatrix} 2 & 3 & 3 & 9 \\ 0 & 1 & -1 & 0 \\ 3 & -1 & -1 & 0 \\ 18 & 27 & 27 & -22 \end{bmatrix}$$

$$1726, 22501, \begin{bmatrix} 1 & 150 \\ 150 & -1 \end{bmatrix}$$

$$1727, 1394, \begin{bmatrix} 5 & 37 \\ 37 & -5 \end{bmatrix}$$

$$1728, 864, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 & 2 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & -2 & 1 \\ 1 & 1 & 1 & 1 & 1 & 1 & -1 & -1 & -1 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 & 0 \end{bmatrix}$$

$$1729, 290, \begin{bmatrix} 4 & 6 & 8 \\ 2 & 0 & -1 \\ 3 & -10 & 6 \end{bmatrix}$$

$$1730, 1610, \begin{bmatrix} 1 & 3 & 40 \\ 3 & -1 & 0 \\ 4 & 12 & -1 \end{bmatrix}$$

$$1731, 5620, \begin{bmatrix} 2 & 106 \\ 53 & -1 \end{bmatrix}$$

$$1732, 7058, \begin{bmatrix} 1 & 1 & 84 \\ 1 & -1 & 0 \\ 42 & 42 & -1 \end{bmatrix}$$

1733, 270, [270]

$$1734, 1030, \begin{bmatrix} 1 & 2 & 7 & 7 \\ 0 & 0 & 1 & -1 \\ 2 & -1 & 0 & 0 \\ 14 & 28 & -5 & -5 \end{bmatrix}$$

$$1735, 1590, \begin{bmatrix} 3 & 69 \\ 23 & -1 \end{bmatrix}$$

$$1736, 1960, \begin{bmatrix} 1 & 1 & 1 & 4 & 11 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 2 & 1 & -1 & 0 \\ 2 & -1 & 2 & 2 & -1 \\ 3 & -7 & 3 & -8 & 3 \end{bmatrix}$$

$$1737, 972, \begin{bmatrix} 2 & 2 & 44 \\ 1 & -1 & 0 \\ 11 & 11 & -1 \end{bmatrix}$$

$$1738, 3570, \begin{bmatrix} 1 & 5 & 22 \\ 3 & -5 & 1 \\ 23 & 13 & -4 \end{bmatrix}$$

$$1739, 123, \begin{bmatrix} 12 & 15 \\ 5 & -4 \end{bmatrix}$$

$$1740, 690, \begin{bmatrix} 1 & 1 & 2 & 3 & 10 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 2 & 2 & 4 & 6 & -3 \end{bmatrix}$$

$$1741, 271, [271]$$

$$1742, 4378, \begin{bmatrix} 1 & 6 & 19 \\ 1 & 3 & -1 \\ 63 & -20 & 3 \end{bmatrix}$$

$$1743, 2745, \begin{bmatrix} 2 & 4 & 23 \\ 2 & -1 & 0 \\ 23 & 46 & -10 \end{bmatrix}$$

$$1744, 6760, \begin{bmatrix} 1 & 1 & 1 & 1 & 29 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 29 & 29 & 29 & 29 & -4 \end{bmatrix}$$

$$1745, 4909, \begin{bmatrix} 3 & 70 \\ 70 & -3 \end{bmatrix}$$

$$1746, 11412, \begin{bmatrix} 1 & 2 & 2 & 25 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 25 & 50 & 50 & -9 \end{bmatrix}$$

$$1747, 272, [272]$$

$$1748, 1470, \begin{bmatrix} 1 & 1 & 8 & 9 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 \\ 17 & 17 & -11 & 6 \end{bmatrix}$$

$$1749, 1995, \begin{bmatrix} 2 & 5 & 16 \\ 2 & -4 & 1 \\ 23 & 10 & -6 \end{bmatrix}$$

$$1750, 1056, \begin{bmatrix} 1 & 3 & 3 & 3 & 4 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 1 & -1 & -1 & -1 & 2 \\ 15 & 1 & 1 & 1 & -6 \end{bmatrix}$$

$$1751, 778, \begin{bmatrix} 7 & 27 \\ 27 & -7 \end{bmatrix}$$

$$1752, 2688, \begin{bmatrix} 1 & 1 & 1 & 2 & 21 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 3 & 3 & 3 & 6 & -1 \end{bmatrix}$$

$$1753, 273, [273]$$

$$1754, 22802, \begin{bmatrix} 1 & 151 \\ 151 & -1 \end{bmatrix}$$

$$1755, 456, \begin{bmatrix} 2 & 2 & 2 & 3 & 6 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & -8 & 3 \end{bmatrix}$$

$$1756, 14454, \begin{bmatrix} 1 & 1 & 85 \\ 1 & -1 & 0 \\ 85 & 85 & -2 \end{bmatrix}$$

$$1757, 1466, \begin{bmatrix} 4 & 54 \\ 27 & -2 \end{bmatrix}$$

$$1758, 19245, \begin{bmatrix} 1 & 2 & 62 \\ 2 & -1 & 0 \\ 62 & 124 & -5 \end{bmatrix}$$

$$1759, 274, [274]$$

$$1760, 1872, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 3 & 5 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 0 & -1 \\ 0 & 0 & 1 & 0 & 0 & -2 & 1 \\ 3 & 3 & -10 & 3 & 3 & -4 & 2 \end{bmatrix}$$

$$1761, 11453, \begin{bmatrix} 2 & 107 \\ 107 & -2 \end{bmatrix}$$

$$1762, 23105, \begin{bmatrix} 1 & 152 \\ 152 & -1 \end{bmatrix}$$

$$1763, 365, \begin{bmatrix} 13 & 14 \\ 14 & -13 \end{bmatrix}$$

$$1764, 336, \begin{bmatrix} 1 & 1 & 2 & 2 & 4 & 4 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 2 & 2 & 1 & 1 & -1 & -1 \\ 2 & 2 & -3 & -3 & 1 & 1 \end{bmatrix}$$

$$1765, 5050, \begin{bmatrix} 3 & 71 \\ 71 & -3 \end{bmatrix}$$

$$1766, 23410, \begin{bmatrix} 1 & 153 \\ 153 & -1 \end{bmatrix}$$

$$1767, 378, \begin{bmatrix} 2 & 8 & 11 \\ 7 & 1 & -2 \\ 1 & -3 & 2 \end{bmatrix}$$

$$1768, 2112, \begin{bmatrix} 1 & 1 & 1 & 6 & 7 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 1 & -1 \\ 1 & 3 & 1 & -2 & 1 \\ 15 & -7 & 15 & 2 & -5 \end{bmatrix}$$

$$1769, 212, \begin{bmatrix} 10 & 18 \\ 9 & -5 \end{bmatrix}$$

$$1770, 8181, \begin{bmatrix} 1 & 2 & 3 & 17 \\ 1 & 1 & -1 & 0 \\ 3 & 1 & 4 & -1 \\ 30 & -41 & -11 & 5 \end{bmatrix}$$

$$1771, 366, \begin{bmatrix} 4 & 5 & 9 \\ 14 & -13 & 1 \\ 1 & 1 & -1 \end{bmatrix}$$

$$1772, 7398, \begin{bmatrix} 1 & 1 & 86 \\ 1 & -1 & 0 \\ 43 & 43 & -1 \end{bmatrix}$$

$$1773, 4066, \begin{bmatrix} 2 & 2 & 45 \\ 1 & -1 & 0 \\ 45 & 45 & -4 \end{bmatrix}$$

$$1774, 23717, \begin{bmatrix} 1 & 154 \\ 154 & -1 \end{bmatrix}$$

$$1775, 418, \begin{bmatrix} 3 & 3 & 20 \\ 1 & -1 & 0 \\ 10 & 10 & -3 \end{bmatrix}$$

$$1776, 1216, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 12 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 3 & 3 & 3 & 3 & 6 & -2 \end{bmatrix}$$

$$1777, 275, [275]$$

$$1778, 10758, \begin{bmatrix} 1 & 4 & 31 \\ 1 & -8 & 1 \\ 42 & 5 & -2 \end{bmatrix}$$

$$1779, 5834, \begin{bmatrix} 2 & 108 \\ 54 & -1 \end{bmatrix}$$

$$1780, 12914, \begin{bmatrix} 1 & 1 & 3 & 24 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 24 & 24 & 72 & -11 \end{bmatrix}$$

$$1781, 375, \begin{bmatrix} 6 & 33 \\ 11 & -2 \end{bmatrix}$$

$$1782, 336, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 5 \\ 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 1 & 1 & 0 & 0 & 1 & -1 \\ 1 & -1 & 2 & 2 & -1 & -1 \\ 3 & -1 & -1 & -1 & -1 & 1 \end{bmatrix}$$

1783, 276, [276]

$$1784, 4614, \begin{bmatrix} 1 & 1 & 1 & 48 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 16 & 16 & 16 & -1 \end{bmatrix}$$

$$1785, 468, \begin{bmatrix} 2 & 3 & 4 & 7 \\ 2 & 1 & 0 & -1 \\ 1 & -2 & 1 & 0 \\ 3 & -2 & -7 & 4 \end{bmatrix}$$

$$1786, 870, \begin{bmatrix} 1 & 8 & 15 \\ 1 & -2 & 1 \\ 19 & 7 & -5 \end{bmatrix}$$

1787, 277, [277]

$$1788, 7386, \begin{bmatrix} 1 & 1 & 2 & 35 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 35 & 35 & 70 & -6 \end{bmatrix}$$

1789, 278, [278]

$$1790, 16910, \begin{bmatrix} 1 & 3 & 41 \\ 3 & -1 & 0 \\ 41 & 123 & -10 \end{bmatrix}$$

$$1791, 2124, \begin{bmatrix} 2 & 2 & 46 \\ 1 & -1 & 0 \\ 23 & 23 & -2 \end{bmatrix}$$

$$1792, 768, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 4 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -1 & -1 & -1 & -1 & 1 & 1 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & -2 \end{bmatrix}$$

$$1793, 1469, \begin{bmatrix} 5 & 38 \\ 38 & -5 \end{bmatrix}$$

$$1794, 3416, \begin{bmatrix} 1 & 2 & 6 & 9 \\ 1 & 1 & 1 & -1 \\ 3 & 0 & -2 & 1 \\ 13 & -35 & 17 & -5 \end{bmatrix}$$

$$1795, 1731, \begin{bmatrix} 3 & 72 \\ 24 & -1 \end{bmatrix}$$

$$1796, 15142, \begin{bmatrix} 1 & 1 & 87 \\ 1 & -1 & 0 \\ 87 & 87 & -2 \end{bmatrix}$$

$$1797, 11885, \begin{bmatrix} 2 & 109 \\ 109 & -2 \end{bmatrix}$$

$$1798, 222, \begin{bmatrix} 1 & 10 & 11 \\ 7 & -4 & 3 \\ 1 & 1 & -1 \end{bmatrix}$$

$$1799, 3041, \begin{bmatrix} 4 & 55 \\ 55 & -4 \end{bmatrix}$$

$$1800, 2784, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 3 & 3 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 0 & 1 & 1 & 1 & -1 & -1 \\ 1 & 2 & 1 & -1 & -1 & 0 & 0 \\ 11 & -18 & 11 & -7 & -7 & 4 & 4 \end{bmatrix}$$

1801, 279, [279]

$$1802, 918, \begin{bmatrix} 1 & 7 & 16 \\ 13 & -11 & 4 \\ 2 & 2 & -1 \end{bmatrix}$$

$$1803, 6052, \begin{bmatrix} 2 & 110 \\ 55 & -1 \end{bmatrix}$$

$$1804, 1176, \begin{bmatrix} 1 & 1 & 5 & 13 \\ 1 & -1 & 0 & 0 \\ 11 & 11 & 6 & -4 \\ 1 & 1 & -3 & 1 \end{bmatrix}$$

$$1805, 274, \begin{bmatrix} 3 & 8 & 8 \\ 0 & 1 & -1 \\ 16 & -3 & -3 \end{bmatrix}$$

$$1806, 1302, \begin{bmatrix} 1 & 2 & 4 & 14 \\ 2 & 1 & -1 & 0 \\ 2 & -3 & 1 & 0 \\ 2 & 4 & 8 & -3 \end{bmatrix}$$

$$1807, 596, \begin{bmatrix} 6 & 34 \\ 17 & -3 \end{bmatrix}$$

$$1808, 3616, \begin{bmatrix} 1 & 1 & 1 & 1 & 30 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 15 & 15 & 15 & 15 & -2 \end{bmatrix}$$

$$1809, 2238, \begin{bmatrix} 2 & 2 & 2 & 19 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 19 & 19 & 19 & -6 \end{bmatrix}$$

$$1810, 8870, \begin{bmatrix} 1 & 3 & 42 \\ 3 & -1 & 0 \\ 21 & 63 & -5 \end{bmatrix}$$

1811, 280, [280]

$$1812, 1302, \begin{bmatrix} 1 & 1 & 2 & 36 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 6 & 6 & 12 & -1 \end{bmatrix}$$

$$1813, 88, \begin{bmatrix} 4 & 4 & 12 \\ 1 & -1 & 0 \\ 3 & 3 & -2 \end{bmatrix}$$

$$1814, 24026, \begin{bmatrix} 1 & 155 \\ 155 & -1 \end{bmatrix}$$

$$1815, 378, \begin{bmatrix} 2 & 3 & 5 & 5 \\ 1 & 1 & 0 & -1 \\ 4 & -1 & -4 & 3 \\ 2 & -3 & 2 & -1 \end{bmatrix}$$

$$1816, 14424, \begin{bmatrix} 1 & 1 & 1 & 49 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 49 & 49 & 49 & -3 \end{bmatrix}$$

$$1817, 565, \begin{bmatrix} 9 & 22 \\ 22 & -9 \end{bmatrix}$$

$$1818, 12330, \begin{bmatrix} 1 & 2 & 2 & 26 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 26 & 52 & 52 & -9 \end{bmatrix}$$

$$1819, 119, \begin{bmatrix} 7 & 28 \\ 4 & -1 \end{bmatrix}$$

$$1820, 882, \begin{bmatrix} 1 & 1 & 3 & 4 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -2 & 1 & 0 \\ 1 & 1 & 0 & -2 & 1 \\ 5 & 5 & 6 & 2 & -6 \end{bmatrix}$$

$$1821, 12325, \begin{bmatrix} 2 & 111 \\ 111 & -2 \end{bmatrix}$$

$$1822, 24337, \begin{bmatrix} 1 & 156 \\ 156 & -1 \end{bmatrix}$$

$$1823, 281, [281]$$

$$1824, 7884, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 8 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 \\ 8 & 8 & 8 & 8 & 8 & 16 & -9 \end{bmatrix}$$

$$1825, 306, \begin{bmatrix} 3 & 3 & 21 \\ 1 & -1 & 0 \\ 7 & 7 & -2 \end{bmatrix}$$

$$1826, 1110, \begin{bmatrix} 1 & 5 & 23 \\ 8 & 3 & -1 \\ 2 & -5 & 1 \end{bmatrix}$$

$$1827, 372, \begin{bmatrix} 2 & 2 & 4 & 10 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 5 & 5 & 10 & -6 \end{bmatrix}$$

$$1828, 7746, \begin{bmatrix} 1 & 1 & 88 \\ 1 & -1 & 0 \\ 44 & 44 & -1 \end{bmatrix}$$

$$1829, 410, \begin{bmatrix} 11 & 17 \\ 17 & -11 \end{bmatrix}$$

$$1830, 7098, \begin{bmatrix} 1 & 2 & 3 & 18 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 9 & 18 & 27 & -7 \end{bmatrix}$$

$$1831, 282, [282]$$

$$1832, 15018, \begin{bmatrix} 1 & 1 & 1 & 50 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 50 & 50 & 50 & -3 \end{bmatrix}$$

$$1833, 530, \begin{bmatrix} 2 & 6 & 15 \\ 3 & -1 & 0 \\ 3 & 9 & -4 \end{bmatrix}$$

$$1834, 17697, \begin{bmatrix} 1 & 4 & 32 \\ 4 & -1 & 0 \\ 32 & 128 & -17 \end{bmatrix}$$

$$1835, 5338, \begin{bmatrix} 3 & 73 \\ 73 & -3 \end{bmatrix}$$

$$1836, 756, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 7 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 2 & 2 & 2 & -2 \\ 2 & 2 & -3 & 4 & -3 & 0 \end{bmatrix}$$

$$1837, 1546, \begin{bmatrix} 5 & 39 \\ 39 & -5 \end{bmatrix}$$

$$1838, 24650, \begin{bmatrix} 1 & 157 \\ 157 & -1 \end{bmatrix}$$

$$1839, 6274, \begin{bmatrix} 2 & 112 \\ 56 & -1 \end{bmatrix}$$

$$1840, 3760, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 9 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 3 & -1 \\ 15 & 15 & 15 & 15 & -2 & -6 \end{bmatrix}$$

$$1841, 788, \begin{bmatrix} 4 & 56 \\ 14 & -1 \end{bmatrix}$$

$$1842, 19870, \begin{bmatrix} 1 & 2 & 63 \\ 2 & -1 & 0 \\ 63 & 126 & -5 \end{bmatrix}$$

$$1843, 689, \begin{bmatrix} 8 & 25 \\ 25 & -8 \end{bmatrix}$$

$$1844, 15846, \begin{bmatrix} 1 & 1 & 89 \\ 1 & -1 & 0 \\ 89 & 89 & -2 \end{bmatrix}$$

$$1845, 744, \begin{bmatrix} 2 & 2 & 3 & 13 \\ 1 & -1 & 0 & 0 \\ 7 & 7 & -5 & -1 \\ 1 & 1 & 3 & -1 \end{bmatrix}$$

$$1846, 1311, \begin{bmatrix} 1 & 6 & 20 \\ 8 & 2 & -1 \\ 2 & -7 & 2 \end{bmatrix}$$

1847, 283, [283]

$$1848, 384, \begin{bmatrix} 1 & 1 & 1 & 2 & 4 & 5 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 1 & 1 & -1 & 0 \\ 0 & 1 & 0 & -1 & -1 & 1 \\ 1 & 1 & 1 & -1 & 1 & -1 \\ 1 & -3 & 1 & -2 & 0 & 1 \end{bmatrix}$$

$$1849, 28, \begin{bmatrix} 14 & 14 \\ 1 & -1 \end{bmatrix}$$

$$1850, 2934, \begin{bmatrix} 1 & 3 & 3 & 12 \\ 0 & 1 & -1 & 0 \\ 0 & 2 & 2 & -1 \\ 54 & -1 & -1 & -4 \end{bmatrix}$$

$$1851, 12773, \begin{bmatrix} 2 & 113 \\ 113 & -2 \end{bmatrix}$$

$$1852, 8102, \begin{bmatrix} 1 & 1 & 90 \\ 1 & -1 & 0 \\ 45 & 45 & -1 \end{bmatrix}$$

$$1853, 890, \begin{bmatrix} 7 & 29 \\ 29 & -7 \end{bmatrix}$$

$$1854, 1476, \begin{bmatrix} 1 & 2 & 2 & 27 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 3 & 6 & 6 & -1 \end{bmatrix}$$

$$1855, 4777, \begin{bmatrix} 3 & 4 & 16 \\ 0 & 4 & -1 \\ 68 & -3 & -12 \end{bmatrix}$$

$$1856, 2544, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 10 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 5 & 5 & 5 & 5 & 5 & 5 & -3 \end{bmatrix}$$

$$1857, 6500, \begin{bmatrix} 2 & 114 \\ 57 & -1 \end{bmatrix}$$

$$1858, 24965, \begin{bmatrix} 1 & 158 \\ 158 & -1 \end{bmatrix}$$

$$1859, 194, \begin{bmatrix} 5 & 6 & 6 \\ 0 & 1 & -1 \\ 12 & -5 & -5 \end{bmatrix}$$

$$1860, 4080, \begin{bmatrix} 1 & 1 & 2 & 3 & 11 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 11 & 11 & 22 & 33 & -15 \end{bmatrix}$$

$$1861, 284, [284]$$

$$1862, 582, \begin{bmatrix} 1 & 4 & 4 & 8 \\ 0 & 1 & -1 & 0 \\ 0 & 1 & 1 & -1 \\ 24 & -1 & -1 & -2 \end{bmatrix}$$

$$1863, 776, \begin{bmatrix} 2 & 2 & 2 & 2 & 9 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 9 & 9 & 9 & 9 & -8 \end{bmatrix}$$

$$1864, 5208, \begin{bmatrix} 1 & 1 & 1 & 51 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 17 & 17 & 17 & -1 \end{bmatrix}$$

$$1865, 5485, \begin{bmatrix} 3 & 74 \\ 74 & -3 \end{bmatrix}$$

$$1866, 20505, \begin{bmatrix} 1 & 2 & 64 \\ 2 & -1 & 0 \\ 64 & 128 & -5 \end{bmatrix}$$

1867, 285, [285]

$$1868, 16566, \begin{bmatrix} 1 & 1 & 91 \\ 1 & -1 & 0 \\ 91 & 91 & -2 \end{bmatrix}$$

$$1869, 1490, \begin{bmatrix} 2 & 4 & 24 \\ 2 & -1 & 0 \\ 12 & 24 & -5 \end{bmatrix}$$

$$1870, 168, \begin{bmatrix} 1 & 3 & 5 & 7 \\ 1 & -1 & -1 & 1 \\ 2 & 0 & 1 & -1 \\ 1 & 3 & -2 & 0 \end{bmatrix}$$

1871, 286, [286]

$$1872, 384, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 6 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 0 \\ 1 & 1 & 1 & 1 & 2 & 2 & -2 \end{bmatrix}$$

1873, 287, [287]

$$1874, 25282, \begin{bmatrix} 1 & 159 \\ 159 & -1 \end{bmatrix}$$

$$1875, 160, \begin{bmatrix} 2 & 3 & 3 & 3 & 3 \\ 0 & 1 & 0 & 0 & -1 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -1 & -1 & 1 \\ 6 & -1 & -1 & -1 & -1 \end{bmatrix}$$

$$1876, 6822, \begin{bmatrix} 1 & 1 & 4 & 19 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 19 & 19 & 76 & -18 \end{bmatrix}$$

1877, 288, [288]

$$1878, 4230, \begin{bmatrix} 1 & 2 & 65 \\ 2 & -1 & 0 \\ 13 & 26 & -1 \end{bmatrix}$$

1879, 289, [289]

$$1880, 1896, \begin{bmatrix} 1 & 1 & 1 & 3 & 15 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 5 & 5 & 5 & 15 & -4 \end{bmatrix}$$

$$1881, 1746, \begin{bmatrix} 2 & 2 & 5 & 8 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 0 & -1 \\ 5 & 5 & -36 & 20 \end{bmatrix}$$

$$1882, 25601, \begin{bmatrix} 1 & 160 \\ 160 & -1 \end{bmatrix}$$

$$1883, 3265, \begin{bmatrix} 4 & 57 \\ 57 & -4 \end{bmatrix}$$

$$1884, 8250, \begin{bmatrix} 1 & 1 & 2 & 37 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 37 & 37 & 74 & -6 \end{bmatrix}$$

$$1885, 145, \begin{bmatrix} 3 & 6 & 10 \\ 2 & -1 & 0 \\ 2 & 4 & -3 \end{bmatrix}$$

$$1886, 3514, \begin{bmatrix} 1 & 9 & 13 \\ 1 & -3 & 2 \\ 57 & 11 & -12 \end{bmatrix}$$

$$1887, 1182, \begin{bmatrix} 2 & 7 & 12 \\ 1 & -2 & 1 \\ 31 & 10 & -11 \end{bmatrix}$$

$$1888, 11760, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 17 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 17 & 17 & 17 & 17 & 17 & -5 \end{bmatrix}$$

$$1889, 290, [290]$$

$$1890, 1824, \begin{bmatrix} 1 & 2 & 2 & 2 & 3 & 4 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & 0 & -1 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & 0 & 1 & 1 & -2 \\ 11 & 3 & -16 & 3 & -5 & 6 \end{bmatrix}$$

$$1891, 445, \begin{bmatrix} 11 & 18 \\ 18 & -11 \end{bmatrix}$$

$$1892, 5798, \begin{bmatrix} 1 & 1 & 5 & 14 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 2 & -1 \\ 33 & 33 & -58 & 16 \end{bmatrix}$$

$$1893, 13229, \begin{bmatrix} 2 & 115 \\ 115 & -2 \end{bmatrix}$$

$$1894, 25922, \begin{bmatrix} 1 & 161 \\ 161 & -1 \end{bmatrix}$$

$$1895, 1878, \begin{bmatrix} 3 & 75 \\ 25 & -1 \end{bmatrix}$$

$$1896, 20622, \begin{bmatrix} 1 & 1 & 1 & 2 & 22 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 22 & 22 & 22 & 44 & -7 \end{bmatrix}$$

$$1897, 1690, \begin{bmatrix} 4 & 58 \\ 29 & -2 \end{bmatrix}$$

$$1898, 6214, \begin{bmatrix} 1 & 6 & 21 \\ 3 & -4 & 1 \\ 45 & 31 & -11 \end{bmatrix}$$

$$1899, 4434, \begin{bmatrix} 2 & 2 & 47 \\ 1 & -1 & 0 \\ 47 & 47 & -4 \end{bmatrix}$$

$$1900, 672, \begin{bmatrix} 1 & 1 & 3 & 3 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & -3 & -3 & 2 \\ 5 & 5 & 1 & 1 & -2 \end{bmatrix}$$

$$1901, 291, [291]$$

$$1902, 21805, \begin{bmatrix} 1 & 2 & 66 \\ 2 & -1 & 0 \\ 66 & 132 & -5 \end{bmatrix}$$

$$1903, 325, \begin{bmatrix} 5 & 40 \\ 8 & -1 \end{bmatrix}$$

$$1904, 2760, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 7 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & 0 \\ 7 & 7 & 7 & 7 & 28 & -20 \end{bmatrix}$$

$$1905, 12662, \begin{bmatrix} 2 & 3 & 31 \\ 3 & -2 & 0 \\ 62 & 93 & -13 \end{bmatrix}$$

$$1906, 26245, \begin{bmatrix} 1 & 162 \\ 162 & -1 \end{bmatrix}$$

$$1907, 292, [292]$$

$$1908, 2660, \begin{bmatrix} 1 & 1 & 2 & 2 & 16 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 8 & 8 & 16 & 16 & -5 \end{bmatrix}$$

$$1909, 610, \begin{bmatrix} 9 & 23 \\ 23 & -9 \end{bmatrix}$$

$$1910, 18590, \begin{bmatrix} 1 & 3 & 43 \\ 3 & -1 & 0 \\ 43 & 129 & -10 \end{bmatrix}$$

$$1911, 108, \begin{bmatrix} 2 & 4 & 4 & 6 \\ 1 & 1 & 0 & -1 \\ 2 & -2 & 1 & 0 \\ 1 & 0 & -2 & 1 \end{bmatrix}$$

$$1912, 16242, \begin{bmatrix} 1 & 1 & 1 & 52 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 52 & 52 & 52 & -3 \end{bmatrix}$$

$$1913, 293, [293]$$

$$1914, 390, \begin{bmatrix} 1 & 2 & 5 & 10 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 1 & 2 & 5 & -3 \end{bmatrix}$$

$$1915, 5785, \begin{bmatrix} 3 & 76 \\ 76 & -3 \end{bmatrix}$$

$$1916, 8466, \begin{bmatrix} 1 & 1 & 92 \\ 1 & -1 & 0 \\ 46 & 46 & -1 \end{bmatrix}$$

$$1917, 1236, \begin{bmatrix} 2 & 2 & 2 & 20 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 10 & 10 & 10 & -3 \end{bmatrix}$$

$$1918, 14378, \begin{bmatrix} 1 & 4 & 33 \\ 3 & -9 & 1 \\ 43 & 14 & -3 \end{bmatrix}$$

$$1919, 370, \begin{bmatrix} 8 & 26 \\ 13 & -4 \end{bmatrix}$$

$$1920, 2880, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 3 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -1 & 0 & -1 & 1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & -1 & -1 & 1 & 2 & -1 \\ 0 & 1 & 1 & 2 & 1 & 1 & 0 & 0 & -2 \\ 1 & 1 & 1 & -4 & 1 & 1 & 1 & 2 & -2 \end{bmatrix}$$

$$1921, 949, \begin{bmatrix} 7 & 30 \\ 30 & -7 \end{bmatrix}$$

$$1922, 486, \begin{bmatrix} 1 & 11 & 11 \\ 0 & 1 & -1 \\ 22 & -1 & -1 \end{bmatrix}$$

$$1923, 6730, \begin{bmatrix} 2 & 116 \\ 58 & -1 \end{bmatrix}$$

$$1924, 728, \begin{bmatrix} 1 & 1 & 6 & 12 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -3 & 1 \\ 3 & 3 & 5 & -3 \end{bmatrix}$$

$$1925, 826, \begin{bmatrix} 3 & 3 & 4 & 5 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & -2 \\ 13 & 13 & -22 & 2 \end{bmatrix}$$

$$1926, 14274, \begin{bmatrix} 1 & 2 & 2 & 28 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 28 & 56 & 56 & -9 \end{bmatrix}$$

$$1927, 394, \begin{bmatrix} 13 & 15 \\ 15 & -13 \end{bmatrix}$$

$$1928, 16872, \begin{bmatrix} 1 & 1 & 1 & 53 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 53 & 53 & 53 & -3 \end{bmatrix}$$

$$1929, 13693, \begin{bmatrix} 2 & 117 \\ 117 & -2 \end{bmatrix}$$

$$1930, 9730, \begin{bmatrix} 1 & 3 & 44 \\ 3 & -1 & 0 \\ 22 & 66 & -5 \end{bmatrix}$$

$$1931, 294, [294]$$

$$1932, 6798, \begin{bmatrix} 1 & 1 & 2 & 4 & 9 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 2 & 2 & 4 & -3 & 0 \\ 9 & 9 & 18 & 36 & -22 \end{bmatrix}$$

$$1933, 295, [295]$$

$$1934, 26570, \begin{bmatrix} 1 & 163 \\ 163 & -1 \end{bmatrix}$$

$$1935, 5538, \begin{bmatrix} 2 & 2 & 3 & 14 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 2 & -1 \\ 31 & 31 & -60 & 4 \end{bmatrix}$$

$$1936, 432, \begin{bmatrix} 1 & 1 & 1 & 1 & 5 & 5 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 5 & 5 & 5 & 5 & -2 & -2 \end{bmatrix}$$

$$1937, 1261, \begin{bmatrix} 6 & 35 \\ 35 & -6 \end{bmatrix}$$

$$1938, 3304, \begin{bmatrix} 1 & 2 & 7 & 8 \\ 1 & -1 & -1 & 1 \\ 0 & 3 & -2 & 1 \\ 35 & 11 & 9 & -15 \end{bmatrix}$$

$$1939, 3497, \begin{bmatrix} 4 & 59 \\ 59 & -4 \end{bmatrix}$$

$$1940, 8904, \begin{bmatrix} 1 & 1 & 3 & 25 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -9 & 1 \\ 19 & 19 & 4 & -2 \end{bmatrix}$$

$$1941, 6964, \begin{bmatrix} 2 & 118 \\ 59 & -1 \end{bmatrix}$$

$$1942, 26897, \begin{bmatrix} 1 & 164 \\ 164 & -1 \end{bmatrix}$$

$$1943, 461, \begin{bmatrix} 10 & 19 \\ 19 & -10 \end{bmatrix}$$

$$1944, 5520, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 & 2 & 2 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & 0 & -1 \\ 0 & 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & -1 & 1 \\ 1 & -2 & 1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 1 & -4 & 1 & 1 \\ 10 & 10 & 10 & -3 & -3 & -3 & -3 & -3 \end{bmatrix}$$

$$1945, 5938, \begin{bmatrix} 3 & 77 \\ 77 & -3 \end{bmatrix}$$

$$1946, 1173, \begin{bmatrix} 1 & 4 & 34 \\ 4 & -1 & 0 \\ 2 & 8 & -1 \end{bmatrix}$$

$$1947, 2226, \begin{bmatrix} 2 & 5 & 17 \\ 15 & 11 & -5 \\ 4 & -5 & 1 \end{bmatrix}$$

$$1948, 17302, \begin{bmatrix} 1 & 1 & 93 \\ 1 & -1 & 0 \\ 93 & 93 & -2 \end{bmatrix}$$

1949, 296, [296]

$$1950, 1770, \begin{bmatrix} 1 & 2 & 3 & 3 & 6 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 1 & 1 & -1 \\ 2 & -1 & 0 & 0 & 0 \\ 18 & 36 & -5 & -5 & -10 \end{bmatrix}$$

1951, 297, [297]

$$1952, 13160, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 18 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 18 & 18 & 18 & 18 & 18 & -5 \end{bmatrix}$$

$$1953, 870, \begin{bmatrix} 2 & 2 & 4 & 11 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 11 & 11 & 22 & -12 \end{bmatrix}$$

$$1954, 27226, \begin{bmatrix} 1 & 165 \\ 165 & -1 \end{bmatrix}$$

$$1955, 1390, \begin{bmatrix} 3 & 7 & 9 \\ 3 & 0 & -1 \\ 7 & -30 & 21 \end{bmatrix}$$

$$1956, 4350, \begin{bmatrix} 1 & 1 & 2 & 38 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 19 & 19 & 38 & -3 \end{bmatrix}$$

$$1957, 793, \begin{bmatrix} 8 & 27 \\ 27 & -8 \end{bmatrix}$$

$$1958, 7826, \begin{bmatrix} 1 & 5 & 24 \\ 9 & 3 & -1 \\ 11 & -31 & 6 \end{bmatrix}$$

$$1959, 14165, \begin{bmatrix} 2 & 119 \\ 119 & -2 \end{bmatrix}$$

$$1960, 528, \begin{bmatrix} 1 & 1 & 1 & 3 & 4 & 4 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & 1 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 2 & 2 & 2 & 6 & -3 & -3 \end{bmatrix}$$

$$1961, 100, \begin{bmatrix} 12 & 16 \\ 4 & -3 \end{bmatrix}$$

$$1962, 12750, \begin{bmatrix} 1 & 2 & 2 & 29 \\ 2 & 0 & -1 & 0 \\ 1 & 12 & 2 & -1 \\ 7 & -3 & 14 & -1 \end{bmatrix}$$

$$1963, 222, \begin{bmatrix} 6 & 36 \\ 6 & -1 \end{bmatrix}$$

$$1964, 8838, \begin{bmatrix} 1 & 1 & 94 \\ 1 & -1 & 0 \\ 47 & 47 & -1 \end{bmatrix}$$

$$1965, 6222, \begin{bmatrix} 2 & 3 & 32 \\ 19 & -2 & -1 \\ 1 & 10 & -1 \end{bmatrix}$$

$$1966, 27557, \begin{bmatrix} 1 & 166 \\ 166 & -1 \end{bmatrix}$$

$$1967, 904, \begin{bmatrix} 4 & 60 \\ 15 & -1 \end{bmatrix}$$

$$1968, 5664, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 13 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 13 & 13 & 13 & 13 & 26 & -8 \end{bmatrix}$$

$$1969, 1706, \begin{bmatrix} 5 & 41 \\ 41 & -5 \end{bmatrix}$$

$$1970, 4070, \begin{bmatrix} 1 & 3 & 45 \\ 3 & -1 & 0 \\ 9 & 27 & -2 \end{bmatrix}$$

$$1971, 906, \begin{bmatrix} 2 & 2 & 2 & 21 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 7 & 7 & 7 & -2 \end{bmatrix}$$

$$1972, 3926, \begin{bmatrix} 1 & 1 & 7 & 10 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 2 & -2 \\ 17 & 17 & -32 & 19 \end{bmatrix}$$

$$1973, 298, [298]$$

$$1974, 2952, \begin{bmatrix} 1 & 2 & 4 & 15 \\ 2 & 1 & -1 & 0 \\ 1 & 1 & 3 & -1 \\ 11 & -19 & 3 & 1 \end{bmatrix}$$

$$1975, 502, \begin{bmatrix} 3 & 3 & 22 \\ 1 & -1 & 0 \\ 11 & 11 & -3 \end{bmatrix}$$

$$1976, 4120, \begin{bmatrix} 1 & 1 & 1 & 6 & 8 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & 1 & -1 \\ 1 & -4 & 1 & -1 & 1 \\ 14 & 14 & 14 & -19 & 9 \end{bmatrix}$$

$$1977, 7202, \begin{bmatrix} 2 & 120 \\ 60 & -1 \end{bmatrix}$$

$$1978, 1946, \begin{bmatrix} 1 & 9 & 14 \\ 1 & 3 & -2 \\ 30 & -8 & 3 \end{bmatrix}$$

1979, 299, [299]

$$1980, 528, \begin{bmatrix} 1 & 1 & 2 & 2 & 3 & 5 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 1 & 1 & 0 & 0 & 1 & -1 \\ 1 & 1 & -1 & -1 & -1 & 1 \\ 2 & 2 & 4 & 4 & -5 & -1 \end{bmatrix}$$

$$1981, 3737, \begin{bmatrix} 4 & 61 \\ 61 & -4 \end{bmatrix}$$

$$1982, 27890, \begin{bmatrix} 1 & 167 \\ 167 & -1 \end{bmatrix}$$

$$1983, 14645, \begin{bmatrix} 2 & 121 \\ 121 & -2 \end{bmatrix}$$

$$1984, 6096, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 11 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 11 & 11 & 11 & 11 & 11 & 11 & -6 \end{bmatrix}$$

$$1985, 2031, \begin{bmatrix} 3 & 78 \\ 26 & -1 \end{bmatrix}$$

$$1986, 22470, \begin{bmatrix} 1 & 2 & 67 \\ 2 & -1 & 0 \\ 67 & 134 & -5 \end{bmatrix}$$

1987, 300, [300]

$$1988, 2926, \begin{bmatrix} 1 & 1 & 4 & 20 \\ 1 & -1 & 0 & 0 \\ 6 & 6 & 2 & -1 \\ 2 & 2 & -11 & 2 \end{bmatrix}$$

$$1989, 930, \begin{bmatrix} 2 & 2 & 6 & 7 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -3 & 2 \\ 11 & 11 & 2 & -8 \end{bmatrix}$$

$$1990, 10630, \begin{bmatrix} 1 & 3 & 46 \\ 3 & -1 & 0 \\ 23 & 69 & -5 \end{bmatrix}$$

$$1991, 1789, \begin{bmatrix} 5 & 42 \\ 42 & -5 \end{bmatrix}$$

$$1992, 22512, \begin{bmatrix} 1 & 1 & 1 & 2 & 23 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 23 & 23 & 23 & 46 & -7 \end{bmatrix}$$

1993, 301, [301]

$$1994, 28225, \begin{bmatrix} 1 & 168 \\ 168 & -1 \end{bmatrix}$$

$$1995, 1302, \begin{bmatrix} 2 & 3 & 4 & 8 \\ 2 & 0 & 1 & -1 \\ 2 & 0 & -3 & 1 \\ 1 & -14 & 2 & 4 \end{bmatrix}$$

$$1996, 18054, \begin{bmatrix} 1 & 1 & 95 \\ 1 & -1 & 0 \\ 95 & 95 & -2 \end{bmatrix}$$

1997, 302, [302]

$$1998, 12246, \begin{bmatrix} 1 & 2 & 2 & 2 & 12 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 6 & -1 & -1 & -1 & 0 \\ 12 & 24 & 24 & 24 & -13 \end{bmatrix}$$

1999, 303, [303]

$$2000, 1488, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 3 & 3 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -2 & 1 \\ 9 & 9 & 9 & 9 & -4 & -4 & -4 \end{bmatrix}$$

$$2001, 1665, \begin{bmatrix} 2 & 9 & 10 \\ 1 & 2 & -2 \\ 38 & -14 & 5 \end{bmatrix}$$

$$2002, 234, \begin{bmatrix} 1 & 4 & 5 & 6 \\ 1 & 1 & -1 & 0 \\ 1 & 0 & 1 & -1 \\ 5 & -6 & -1 & 4 \end{bmatrix}$$

2003, 304, [304]

$$2004, 3054, \begin{bmatrix} 1 & 1 & 2 & 39 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 13 & 13 & 26 & -2 \end{bmatrix}$$

$$2005, 6250, \begin{bmatrix} 3 & 79 \\ 79 & -3 \end{bmatrix}$$

$$2006, 3390, \begin{bmatrix} 1 & 7 & 17 \\ 1 & -5 & 2 \\ 33 & 5 & -4 \end{bmatrix}$$

$$2007, 1156, \begin{bmatrix} 2 & 2 & 48 \\ 1 & -1 & 0 \\ 12 & 12 & -1 \end{bmatrix}$$

$$2008, 5838, \begin{bmatrix} 1 & 1 & 1 & 54 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 18 & 18 & 18 & -1 \end{bmatrix}$$

$$2009, 402, \begin{bmatrix} 4 & 4 & 13 \\ 1 & -1 & 0 \\ 13 & 13 & -8 \end{bmatrix}$$

$$2010, 3750, \begin{bmatrix} 1 & 2 & 3 & 19 \\ 2 & -1 & 0 & 0 \\ 2 & 4 & 3 & -1 \\ 4 & 8 & -13 & 1 \end{bmatrix}$$

2011, 305, [305]

$$2012, 9218, \begin{bmatrix} 1 & 1 & 96 \\ 1 & -1 & 0 \\ 48 & 48 & -1 \end{bmatrix}$$

$$2013, 6354, \begin{bmatrix} 2 & 5 & 18 \\ 1 & -4 & 1 \\ 77 & 16 & -13 \end{bmatrix}$$

$$2014, 1605, \begin{bmatrix} 1 & 8 & 16 \\ 0 & 2 & -1 \\ 40 & -1 & -2 \end{bmatrix}$$

$$2015, 830, \begin{bmatrix} 3 & 6 & 11 \\ 2 & -1 & 0 \\ 11 & 22 & -15 \end{bmatrix}$$

$$2016, 6960, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 2 & 4 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 1 & -1 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 & 0 & 0 \\ 12 & 12 & 12 & 12 & 12 & -5 & -5 & -10 \end{bmatrix}$$

$$2017, 306, [306]$$

$$2018, 28562, \begin{bmatrix} 1 & 169 \\ 169 & -1 \end{bmatrix}$$

$$2019, 7444, \begin{bmatrix} 2 & 122 \\ 61 & -1 \end{bmatrix}$$

$$2020, 15114, \begin{bmatrix} 1 & 1 & 3 & 26 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 26 & 26 & 78 & -11 \end{bmatrix}$$

$$2021, 421, \begin{bmatrix} 14 & 15 \\ 15 & -14 \end{bmatrix}$$

$$2022, 23145, \begin{bmatrix} 1 & 2 & 68 \\ 2 & -1 & 0 \\ 68 & 136 & -5 \end{bmatrix}$$

$$2023, 114, \begin{bmatrix} 4 & 7 & 7 \\ 0 & 1 & -1 \\ 7 & -2 & -2 \end{bmatrix}$$

$$2024, 6976, \begin{bmatrix} 1 & 1 & 1 & 5 & 9 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 1 & -2 & 1 \\ 1 & -3 & 1 & 2 & -1 \\ 23 & 23 & 23 & 6 & -11 \end{bmatrix}$$

$$2025, 272, \begin{bmatrix} 2 & 2 & 2 & 2 & 3 & 3 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 3 & 3 & 3 & 3 & -4 & -4 \end{bmatrix}$$

$$2026, 28901, \begin{bmatrix} 1 & 170 \\ 170 & -1 \end{bmatrix}$$

2027, 307, [307]

$$2028, 156, \begin{bmatrix} 1 & 1 & 2 & 6 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & -1 & 0 & 0 \\ 2 & 2 & 4 & -1 & -1 \end{bmatrix}$$

2029, 308, [308]

$$2030, 378, \begin{bmatrix} 1 & 3 & 4 & 10 \\ 1 & 1 & -1 & 0 \\ 3 & -5 & -2 & 2 \\ 2 & 0 & 2 & -1 \end{bmatrix}$$

$$2031, 15133, \begin{bmatrix} 2 & 123 \\ 123 & -2 \end{bmatrix}$$

$$2032, 7720, \begin{bmatrix} 1 & 1 & 1 & 1 & 31 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 31 & 31 & 31 & 31 & -4 \end{bmatrix}$$

$$2033, 212, \begin{bmatrix} 8 & 28 \\ 7 & -2 \end{bmatrix}$$

$$2034, 5454, \begin{bmatrix} 1 & 2 & 2 & 30 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 10 & 20 & 20 & -3 \end{bmatrix}$$

$$2035, 1958, \begin{bmatrix} 3 & 5 & 12 \\ 3 & 3 & -2 \\ 23 & -21 & 3 \end{bmatrix}$$

$$2036, 18822, \begin{bmatrix} 1 & 1 & 97 \\ 1 & -1 & 0 \\ 97 & 97 & -2 \end{bmatrix}$$

$$2037, 645, \begin{bmatrix} 2 & 4 & 25 \\ 2 & -1 & 0 \\ 5 & 10 & -2 \end{bmatrix}$$

$$2038, 29242, \begin{bmatrix} 1 & 171 \\ 171 & -1 \end{bmatrix}$$

$$2039, 309, [309]$$

$$2040, 1950, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 7 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 1 & -1 & 0 \\ 1 & 0 & 1 & 1 & 1 & -1 \\ 1 & 2 & 1 & -2 & 0 & 0 \\ 6 & -7 & 6 & -1 & -8 & 3 \end{bmatrix}$$

$$2041, 1405, \begin{bmatrix} 6 & 37 \\ 37 & -6 \end{bmatrix}$$

$$2042, 29585, \begin{bmatrix} 1 & 172 \\ 172 & -1 \end{bmatrix}$$

$$2043, 4818, \begin{bmatrix} 2 & 2 & 49 \\ 1 & -1 & 0 \\ 49 & 49 & -4 \end{bmatrix}$$

$$2044, 2754, \begin{bmatrix} 1 & 1 & 4 & 21 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 7 & 7 & 28 & -6 \end{bmatrix}$$

$$2045, 6409, \begin{bmatrix} 3 & 80 \\ 80 & -3 \end{bmatrix}$$

$$2046, 4530, \begin{bmatrix} 1 & 2 & 5 & 11 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 11 & 22 & 55 & -30 \end{bmatrix}$$

$$2047, 219, \begin{bmatrix} 9 & 24 \\ 8 & -3 \end{bmatrix}$$

$$2048, 8448, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 1 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & -1 & -1 & 0 & 0 & 0 & -1 & -1 & 1 & 1 \\ 3 & 3 & 3 & 3 & -8 & -8 & -8 & 3 & 3 & 3 & 3 \end{bmatrix}$$

$$2049, 7690, \begin{bmatrix} 2 & 124 \\ 62 & -1 \end{bmatrix}$$

$$2050, 1880, \begin{bmatrix} 1 & 3 & 3 & 13 \\ 0 & 1 & -1 & 0 \\ 1 & 2 & 2 & -1 \\ 29 & -7 & -7 & 1 \end{bmatrix}$$

$$2051, 1930, \begin{bmatrix} 4 & 62 \\ 31 & -2 \end{bmatrix}$$

$$2052, 936, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 8 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 1 & 1 & 1 & -1 \\ 0 & 0 & 1 & -2 & 1 & 0 \\ 5 & 5 & -3 & -3 & -3 & 1 \end{bmatrix}$$

$$2053, 310, [310]$$

$$2054, 10941, \begin{bmatrix} 1 & 6 & 22 \\ 2 & -4 & 1 \\ 94 & 43 & -16 \end{bmatrix}$$

$$2055, 14326, \begin{bmatrix} 2 & 3 & 33 \\ 3 & -2 & 0 \\ 66 & 99 & -13 \end{bmatrix}$$

$$2056, 18168, \begin{bmatrix} 1 & 1 & 1 & 55 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 55 & 55 & 55 & -3 \end{bmatrix}$$

$$2057, 198, \begin{bmatrix} 5 & 5 & 7 \\ 1 & -1 & 0 \\ 7 & 7 & -10 \end{bmatrix}$$

$$2058, 1590, \begin{bmatrix} 1 & 2 & 4 & 4 & 4 \\ 0 & 0 & 1 & 0 & -1 \\ 2 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -2 & 1 \\ 12 & 24 & -5 & -5 & -5 \end{bmatrix}$$

$$2059, 50, \begin{bmatrix} 10 & 20 \\ 2 & -1 \end{bmatrix}$$

$$2060, 10360, \begin{bmatrix} 1 & 1 & 3 & 27 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -11 & 1 \\ 15 & 15 & 8 & -2 \end{bmatrix}$$

$$2061, 2508, \begin{bmatrix} 2 & 2 & 50 \\ 1 & -1 & 0 \\ 25 & 25 & -2 \end{bmatrix}$$

$$2062, 29930, \begin{bmatrix} 1 & 173 \\ 173 & -1 \end{bmatrix}$$

$$2063, 311, [311]$$

$$2064, 3264, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 14 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 7 & 7 & 7 & 7 & 14 & -4 \end{bmatrix}$$

$$2065, 2198, \begin{bmatrix} 3 & 4 & 17 \\ 3 & 2 & -1 \\ 19 & -27 & 3 \end{bmatrix}$$

$$2066, 30277, \begin{bmatrix} 1 & 174 \\ 174 & -1 \end{bmatrix}$$

$$2067, 740, \begin{bmatrix} 2 & 6 & 16 \\ 3 & -1 & 0 \\ 4 & 12 & -5 \end{bmatrix}$$

$$2068, 1512, \begin{bmatrix} 1 & 1 & 5 & 15 \\ 1 & -1 & -3 & 1 \\ 1 & 4 & -1 & 0 \\ 6 & -1 & 2 & -1 \end{bmatrix}$$

2069, 312, [312]

$$2070, 594, \begin{bmatrix} 1 & 2 & 2 & 3 & 9 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 0 & -2 & 1 & 0 \\ 2 & -2 & 1 & 0 & 0 \\ 1 & 2 & 2 & 3 & -2 \end{bmatrix}$$

$$2071, 905, \begin{bmatrix} 8 & 29 \\ 29 & -8 \end{bmatrix}$$

$$2072, 9780, \begin{bmatrix} 1 & 1 & 1 & 4 & 12 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 0 & 0 & 0 & 3 & -1 \\ 40 & 40 & 40 & -3 & -9 \end{bmatrix}$$

$$2073, 15629, \begin{bmatrix} 2 & 125 \\ 125 & -2 \end{bmatrix}$$

$$2074, 2618, \begin{bmatrix} 1 & 7 & 18 \\ 15 & 3 & -2 \\ 2 & -8 & 3 \end{bmatrix}$$

$$2075, 1094, \begin{bmatrix} 3 & 3 & 23 \\ 1 & -1 & 0 \\ 23 & 23 & -6 \end{bmatrix}$$

$$2076, 4818, \begin{bmatrix} 1 & 1 & 2 & 40 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 20 & 20 & 40 & -3 \end{bmatrix}$$

$$2077, 482, \begin{bmatrix} 11 & 19 \\ 19 & -11 \end{bmatrix}$$

$$2078, 30626, \begin{bmatrix} 1 & 175 \\ 175 & -1 \end{bmatrix}$$

$$2079, 2226, \begin{bmatrix} 2 & 2 & 2 & 4 & 5 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 5 & 5 & 5 & 10 & -14 \end{bmatrix}$$

$$2080, 2000, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 3 & 6 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 2 & -1 \\ 1 & 1 & -4 & 1 & 1 & 0 & 0 \\ 3 & 3 & 3 & 3 & 3 & -1 & -2 \end{bmatrix}$$

$$2081, 313, [313]$$

$$2082, 23830, \begin{bmatrix} 1 & 2 & 69 \\ 2 & -1 & 0 \\ 69 & 138 & -5 \end{bmatrix}$$

2083, 314, [314]

$$2084, 9606, \begin{bmatrix} 1 & 1 & 98 \\ 1 & -1 & 0 \\ 49 & 49 & -1 \end{bmatrix}$$

$$2085, 15197, \begin{bmatrix} 2 & 3 & 34 \\ 3 & -2 & 0 \\ 68 & 102 & -13 \end{bmatrix}$$

$$2086, 21114, \begin{bmatrix} 1 & 4 & 35 \\ 17 & -13 & 1 \\ 17 & 22 & -3 \end{bmatrix}$$

2087, 315, [315]

$$2088, 6660, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 10 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 2 & 2 & 2 & 1 & 1 & -1 \\ 8 & 8 & 8 & -21 & -21 & 6 \end{bmatrix}$$

2089, 316, [316]

$$2090, 594, \begin{bmatrix} 1 & 3 & 5 & 8 \\ 1 & -2 & 1 & 0 \\ 2 & 0 & -2 & 1 \\ 5 & 4 & 3 & -4 \end{bmatrix}$$

$$2091, 1554, \begin{bmatrix} 2 & 7 & 13 \\ 22 & 3 & -5 \\ 1 & -4 & 2 \end{bmatrix}$$

$$2092, 19606, \begin{bmatrix} 1 & 1 & 99 \\ 1 & -1 & 0 \\ 99 & 99 & -2 \end{bmatrix}$$

$$2093, 266, \begin{bmatrix} 4 & 6 & 9 \\ 3 & -5 & 2 \\ 3 & 1 & -2 \end{bmatrix}$$

$$2094, 4905, \begin{bmatrix} 1 & 2 & 70 \\ 2 & -1 & 0 \\ 14 & 28 & -1 \end{bmatrix}$$

$$2095, 2190, \begin{bmatrix} 3 & 81 \\ 27 & -1 \end{bmatrix}$$

$$2096, 2056, \begin{bmatrix} 1 & 1 & 1 & 1 & 32 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 8 & 8 & 8 & 8 & -1 \end{bmatrix}$$

$$2097, 5218, \begin{bmatrix} 2 & 2 & 51 \\ 1 & -1 & 0 \\ 51 & 51 & -4 \end{bmatrix}$$

$$2098, 30977, \begin{bmatrix} 1 & 176 \\ 176 & -1 \end{bmatrix}$$

2099, 317, [317]

$$2100, 320, \begin{bmatrix} 1 & 1 & 2 & 3 & 3 & 4 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & 0 & 0 & -1 \\ 0 & 0 & 1 & -1 & -1 & 1 \\ 3 & 3 & -4 & -1 & -1 & 2 \end{bmatrix}$$

$$2101, 1874, \begin{bmatrix} 5 & 43 \\ 43 & -5 \end{bmatrix}$$

$$2102, 31330, \begin{bmatrix} 1 & 177 \\ 177 & -1 \end{bmatrix}$$

$$2103, 7940, \begin{bmatrix} 2 & 126 \\ 63 & -1 \end{bmatrix}$$

$$2104, 18834, \begin{bmatrix} 1 & 1 & 1 & 56 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 56 & 56 & 56 & -3 \end{bmatrix}$$

$$2105, 6733, \begin{bmatrix} 3 & 82 \\ 82 & -3 \end{bmatrix}$$

$$2106, 3816, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 6 \\ 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & -1 & -1 & 1 & 0 \\ 2 & -1 & -1 & -1 & -1 & 1 \\ 32 & 11 & 11 & 11 & 11 & -20 \end{bmatrix}$$

$$2107, 228, \begin{bmatrix} 4 & 4 & 14 \\ 1 & -1 & 0 \\ 7 & 7 & -4 \end{bmatrix}$$

$$2108, 1720, \begin{bmatrix} 1 & 1 & 7 & 11 \\ 1 & -1 & 0 & 0 \\ 9 & 9 & -23 & 13 \\ 2 & 2 & 1 & -1 \end{bmatrix}$$

$$2109, 636, \begin{bmatrix} 2 & 8 & 12 \\ 2 & 1 & -1 \\ 10 & -13 & 7 \end{bmatrix}$$

$$2110, 22190, \begin{bmatrix} 1 & 3 & 47 \\ 3 & -1 & 0 \\ 47 & 141 & -10 \end{bmatrix}$$

$$2111, 318, [318]$$

$$2112, 1680, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 5 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & 2 & -2 \\ 1 & 1 & 1 & 1 & 1 & 1 & -3 & 0 \end{bmatrix}$$

2113, 319, [319]

$$2114, 11817, \begin{bmatrix} 1 & 4 & 36 \\ 4 & -10 & 1 \\ 28 & 11 & -2 \end{bmatrix}$$

$$2115, 4840, \begin{bmatrix} 2 & 2 & 3 & 15 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 1 & -1 \\ 9 & 9 & -47 & 7 \end{bmatrix}$$

$$2116, 328, \begin{bmatrix} 1 & 1 & 9 & 9 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 9 & 9 & -1 & -1 \end{bmatrix}$$

$$2117, 541, \begin{bmatrix} 10 & 21 \\ 21 & -10 \end{bmatrix}$$

$$2118, 25230, \begin{bmatrix} 1 & 2 & 71 \\ 2 & -1 & 0 \\ 71 & 142 & -5 \end{bmatrix}$$

$$2119, 740, \begin{bmatrix} 6 & 38 \\ 19 & -3 \end{bmatrix}$$

$$2120, 1608, \begin{bmatrix} 1 & 1 & 1 & 3 & 16 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 4 & 4 & 4 & 12 & -3 \end{bmatrix}$$

$$2121, 1740, \begin{bmatrix} 2 & 4 & 26 \\ 2 & -1 & 0 \\ 13 & 26 & -5 \end{bmatrix}$$

$$2122, 31685, \begin{bmatrix} 1 & 178 \\ 178 & -1 \end{bmatrix}$$

$$2123, 1961, \begin{bmatrix} 5 & 44 \\ 44 & -5 \end{bmatrix}$$

$$2124, 5980, \begin{bmatrix} 1 & 1 & 2 & 2 & 17 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 17 & 17 & 34 & 34 & -10 \end{bmatrix}$$

$$2125, 456, \begin{bmatrix} 3 & 3 & 3 & 7 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 7 & 7 & 7 & -9 \end{bmatrix}$$

$$2126, 32042, \begin{bmatrix} 1 & 179 \\ 179 & -1 \end{bmatrix}$$

$$2127, 16133, \begin{bmatrix} 2 & 127 \\ 127 & -2 \end{bmatrix}$$

$$2128, 336, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 8 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -3 & 1 \\ 1 & 1 & 1 & 1 & 1 & -1 \end{bmatrix}$$

2129, 320, [320]

$$2130, 6210, \begin{bmatrix} 1 & 2 & 3 & 20 \\ 1 & -2 & 1 & 0 \\ 2 & -2 & -6 & 1 \\ 16 & 9 & 2 & -2 \end{bmatrix}$$

2131, 321, [321]

$$2132, 2070, \begin{bmatrix} 1 & 1 & 6 & 13 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & 7 & -4 \\ 5 & 5 & -6 & 2 \end{bmatrix}$$

$$2133, 1488, \begin{bmatrix} 2 & 2 & 2 & 22 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 11 & 11 & 11 & -3 \end{bmatrix}$$

$$2134, 1302, \begin{bmatrix} 1 & 5 & 25 \\ 5 & -6 & 1 \\ 5 & 4 & -1 \end{bmatrix}$$

$$2135, 4886, \begin{bmatrix} 3 & 4 & 18 \\ 2 & 3 & -1 \\ 58 & -39 & -1 \end{bmatrix}$$

$$2136, 24486, \begin{bmatrix} 1 & 1 & 1 & 2 & 24 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 24 & 24 & 24 & 48 & -7 \end{bmatrix}$$

2137, 322, [322]

$$2138, 32401, \begin{bmatrix} 1 & 180 \\ 180 & -1 \end{bmatrix}$$

$$2139, 618, \begin{bmatrix} 2 & 9 & 11 \\ 20 & -13 & 7 \\ 1 & 1 & -1 \end{bmatrix}$$

$$2140, 17490, \begin{bmatrix} 1 & 1 & 3 & 28 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 28 & 28 & 84 & -11 \end{bmatrix}$$

2141, 323, [323]

$$2142, 3108, \begin{bmatrix} 1 & 2 & 2 & 4 & 7 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & 0 & 0 & -2 & 1 \\ 1 & -3 & -3 & 1 & 1 \\ 20 & 3 & 3 & 6 & -8 \end{bmatrix}$$

2143, 324, [324]

$$2144, 14640, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 19 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 19 & 19 & 19 & 19 & 19 & -5 \end{bmatrix}$$

$$2145, 1480, \begin{bmatrix} 2 & 3 & 5 & 6 \\ 1 & -1 & -1 & 1 \\ 1 & -2 & 2 & -1 \\ 21 & 13 & -3 & -11 \end{bmatrix}$$

$$2146, 1470, \begin{bmatrix} 1 & 10 & 12 \\ 2 & 1 & -1 \\ 22 & -25 & 19 \end{bmatrix}$$

$$2147, 482, \begin{bmatrix} 8 & 30 \\ 15 & -4 \end{bmatrix}$$

$$2148, 10122, \begin{bmatrix} 1 & 1 & 2 & 41 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 41 & 41 & 82 & -6 \end{bmatrix}$$

$$2149, 3985, \begin{bmatrix} 4 & 63 \\ 63 & -4 \end{bmatrix}$$

$$2150, 3010, \begin{bmatrix} 1 & 3 & 3 & 14 \\ 0 & 1 & -1 & 0 \\ 4 & -3 & -3 & 1 \\ 18 & 11 & 11 & -6 \end{bmatrix}$$

$$2151, 1356, \begin{bmatrix} 2 & 2 & 52 \\ 1 & -1 & 0 \\ 13 & 13 & -1 \end{bmatrix}$$

$$2152, 6504, \begin{bmatrix} 1 & 1 & 1 & 57 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 19 & 19 & 19 & -1 \end{bmatrix}$$

$$2153, 325, [325]$$

$$2154, 25945, \begin{bmatrix} 1 & 2 & 72 \\ 2 & -1 & 0 \\ 72 & 144 & -5 \end{bmatrix}$$

$$2155, 6898, \begin{bmatrix} 3 & 83 \\ 83 & -3 \end{bmatrix}$$

$$2156, 944, \begin{bmatrix} 1 & 1 & 4 & 4 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & 1 & -2 \\ 13 & 13 & -7 & -7 & 6 \end{bmatrix}$$

$$2157, 8194, \begin{bmatrix} 2 & 128 \\ 64 & -1 \end{bmatrix}$$

$$2158, 5094, \begin{bmatrix} 1 & 6 & 23 \\ 1 & -4 & 1 \\ 49 & 11 & -5 \end{bmatrix}$$

$$2159, 1010, \begin{bmatrix} 7 & 31 \\ 31 & -7 \end{bmatrix}$$

$$2160, 2500, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 2 & 3 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & -1 & 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 1 & -1 & 1 & -1 \\ 1 & 0 & 0 & 1 & 0 & 2 & 0 & -2 \\ 0 & 2 & 2 & 0 & -1 & 0 & -1 & 0 \\ 2 & -3 & 2 & 2 & -1 & -1 & -1 & 1 \end{bmatrix}$$

$$2161, 326, [326]$$

$$2162, 4298, \begin{bmatrix} 1 & 9 & 15 \\ 3 & -2 & 1 \\ 39 & 44 & -29 \end{bmatrix}$$

$$2163, 3745, \begin{bmatrix} 2 & 4 & 27 \\ 2 & -1 & 0 \\ 27 & 54 & -10 \end{bmatrix}$$

$$2164, 10002, \begin{bmatrix} 1 & 1 & 100 \\ 1 & -1 & 0 \\ 50 & 50 & -1 \end{bmatrix}$$

$$2165, 2355, \begin{bmatrix} 3 & 84 \\ 28 & -1 \end{bmatrix}$$

$$2166, 1330, \begin{bmatrix} 1 & 2 & 8 & 8 \\ 0 & 0 & 1 & -1 \\ 2 & -1 & 0 & 0 \\ 16 & 32 & -5 & -5 \end{bmatrix}$$

$$2167, 410, \begin{bmatrix} 5 & 45 \\ 9 & -1 \end{bmatrix}$$

$$2168, 20202, \begin{bmatrix} 1 & 1 & 1 & 58 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 58 & 58 & 58 & -3 \end{bmatrix}$$

$$2169, 5634, \begin{bmatrix} 2 & 2 & 53 \\ 1 & -1 & 0 \\ 53 & 53 & -4 \end{bmatrix}$$

$$2170, 2058, \begin{bmatrix} 1 & 3 & 4 & 11 \\ 3 & 0 & 2 & -1 \\ 1 & 6 & -2 & -1 \\ 4 & -2 & -5 & 2 \end{bmatrix}$$

$$2171, 519, \begin{bmatrix} 6 & 39 \\ 13 & -2 \end{bmatrix}$$

$$2172, 1770, \begin{bmatrix} 1 & 1 & 2 & 42 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 7 & 7 & 14 & -1 \end{bmatrix}$$

$$2173, 425, \begin{bmatrix} 13 & 16 \\ 16 & -13 \end{bmatrix}$$

$$2174, 32762, \begin{bmatrix} 1 & 181 \\ 181 & -1 \end{bmatrix}$$

$$2175, 854, \begin{bmatrix} 2 & 3 & 3 & 10 \\ 0 & 1 & -1 & 0 \\ 2 & 1 & 1 & -1 \\ 13 & -11 & -11 & 4 \end{bmatrix}$$

$$2176, 2688, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 7 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & 1 & -1 \\ 1 & 1 & -2 & 0 & -2 & 1 & 1 & 0 \\ 1 & 1 & 1 & -6 & 1 & 1 & 1 & 0 \end{bmatrix}$$

$$2177, 1028, \begin{bmatrix} 4 & 64 \\ 16 & -1 \end{bmatrix}$$

$$2178, 1652, \begin{bmatrix} 1 & 2 & 2 & 5 & 5 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 2 & 2 & 2 & -1 & -1 \\ 24 & -11 & -11 & 2 & 2 \end{bmatrix}$$

2179, 327, [327]

$$2180, 11928, \begin{bmatrix} 1 & 1 & 3 & 29 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 9 & -1 \\ 22 & 22 & -5 & -1 \end{bmatrix}$$

$$2181, 16645, \begin{bmatrix} 2 & 129 \\ 129 & -2 \end{bmatrix}$$

$$2182, 33125, \begin{bmatrix} 1 & 182 \\ 182 & -1 \end{bmatrix}$$

$$2183, 433, \begin{bmatrix} 12 & 17 \\ 17 & -12 \end{bmatrix}$$

$$2184, 6372, \begin{bmatrix} 1 & 1 & 1 & 2 & 4 & 6 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 1 & -1 & 0 & 0 \\ 0 & 2 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 2 & 2 & -2 \\ 10 & 10 & 10 & 20 & -19 & 1 \end{bmatrix}$$

$$2185, 770, \begin{bmatrix} 3 & 8 & 9 \\ 5 & -3 & 1 \\ 5 & 6 & -7 \end{bmatrix}$$

$$2186, 33490, \begin{bmatrix} 1 & 183 \\ 183 & -1 \end{bmatrix}$$

$$2187, 672, \begin{bmatrix} 2 & 2 & 2 & 2 & 2 & 2 & 2 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 \\ 1 & 1 & -2 & 0 & -2 & 1 & 1 \\ 1 & 1 & 1 & -6 & 1 & 1 & 1 \end{bmatrix}$$

$$2188, 20406, \begin{bmatrix} 1 & 1 & 101 \\ 1 & -1 & 0 \\ 101 & 101 & -2 \end{bmatrix}$$

$$2189, 2141, \begin{bmatrix} 5 & 46 \\ 46 & -5 \end{bmatrix}$$

$$2190, 2730, \begin{bmatrix} 1 & 2 & 3 & 21 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 3 & 6 & 9 & -2 \end{bmatrix}$$

$$2191, 4241, \begin{bmatrix} 4 & 65 \\ 65 & -4 \end{bmatrix}$$

$$2192, 8744, \begin{bmatrix} 1 & 1 & 1 & 1 & 33 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 33 & 33 & 33 & 33 & -4 \end{bmatrix}$$

$$2193, 1245, \begin{bmatrix} 2 & 7 & 14 \\ 0 & 2 & -1 \\ 35 & -2 & -4 \end{bmatrix}$$

$$2194, 33857, \begin{bmatrix} 1 & 184 \\ 184 & -1 \end{bmatrix}$$

$$2195, 7234, \begin{bmatrix} 3 & 85 \\ 85 & -3 \end{bmatrix}$$

$$2196, 3340, \begin{bmatrix} 1 & 1 & 2 & 2 & 18 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 9 & 9 & 18 & 18 & -5 \end{bmatrix}$$

$$2197, 36, \begin{bmatrix} 6 & 6 & 6 \\ 1 & 0 & -1 \\ 1 & -2 & 1 \end{bmatrix}$$

$$2198, 6930, \begin{bmatrix} 1 & 4 & 37 \\ 17 & 5 & -1 \\ 3 & -10 & 1 \end{bmatrix}$$

$$2199, 8452, \begin{bmatrix} 2 & 130 \\ 65 & -1 \end{bmatrix}$$

$$2200, 1840, \begin{bmatrix} 1 & 1 & 1 & 3 & 3 & 5 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & 0 & -1 & -1 & 1 \\ 2 & -3 & 2 & -1 & -1 & 1 \\ 8 & 8 & 8 & 1 & 1 & -6 \end{bmatrix}$$

$$2201, 521, \begin{bmatrix} 11 & 20 \\ 20 & -11 \end{bmatrix}$$

$$2202, 26670, \begin{bmatrix} 1 & 2 & 73 \\ 2 & -1 & 0 \\ 73 & 146 & -5 \end{bmatrix}$$

$$2203, 328, [328]$$

$$2204, 664, \begin{bmatrix} 1 & 1 & 8 & 10 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 \\ 9 & 9 & -11 & 7 \end{bmatrix}$$

$$2205, 980, \begin{bmatrix} 2 & 2 & 3 & 4 & 4 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 2 & 2 & 0 & -1 & -1 \\ 3 & 3 & -20 & 6 & 6 \end{bmatrix}$$

$$2206, 34226, \begin{bmatrix} 1 & 185 \\ 185 & -1 \end{bmatrix}$$

$$2207, 329, [329]$$

$$2208, 1080, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 9 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 2 & -1 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 \end{bmatrix}$$

$$2209, 30, \begin{bmatrix} 15 & 15 \\ 1 & -1 \end{bmatrix}$$

$$2210, 950, \begin{bmatrix} 1 & 3 & 6 & 7 \\ 0 & 2 & -1 & 0 \\ 1 & -1 & -2 & 2 \\ 13 & 1 & 2 & -4 \end{bmatrix}$$

$$2211, 2730, \begin{bmatrix} 2 & 5 & 19 \\ 20 & 11 & -5 \\ 3 & -5 & 1 \end{bmatrix}$$

$$2212, 4518, \begin{bmatrix} 1 & 1 & 4 & 22 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 11 & 11 & 44 & -9 \end{bmatrix}$$

$$2213, 330, [330]$$

$$2214, 1092, \begin{bmatrix} 1 & 2 & 2 & 2 & 13 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 1 & 2 & 2 & 2 & -1 \\ 6 & -1 & -1 & -1 & 0 \end{bmatrix}$$

$$2215, 7405, \begin{bmatrix} 3 & 86 \\ 86 & -3 \end{bmatrix}$$

$$2216, 20904, \begin{bmatrix} 1 & 1 & 1 & 59 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 59 & 59 & 59 & -3 \end{bmatrix}$$

$$2217, 17165, \begin{bmatrix} 2 & 131 \\ 131 & -2 \end{bmatrix}$$

$$2218, 34597, \begin{bmatrix} 1 & 186 \\ 186 & -1 \end{bmatrix}$$

$$2219, 2186, \begin{bmatrix} 4 & 66 \\ 33 & -2 \end{bmatrix}$$

$$2220, 1590, \begin{bmatrix} 1 & 1 & 2 & 3 & 12 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 4 & 4 & 8 & 12 & -5 \end{bmatrix}$$

$$2221, 331, [331]$$

$$2222, 702, \begin{bmatrix} 1 & 5 & 26 \\ 5 & -1 & 0 \\ 1 & 5 & -1 \end{bmatrix}$$

$$2223, 324, \begin{bmatrix} 2 & 2 & 6 & 8 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 0 & -1 \\ 1 & 1 & -6 & 4 \end{bmatrix}$$

$$2224, 4640, \begin{bmatrix} 1 & 1 & 1 & 1 & 34 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 17 & 17 & 17 & 17 & -2 \end{bmatrix}$$

$$2225, 198, \begin{bmatrix} 3 & 3 & 24 \\ 1 & -1 & 0 \\ 4 & 4 & -1 \end{bmatrix}$$

$$2226, 11634, \begin{bmatrix} 1 & 2 & 4 & 16 \\ 2 & 1 & -1 & 0 \\ 2 & -3 & 1 & 0 \\ 16 & 32 & 64 & -21 \end{bmatrix}$$

$$2227, 1073, \begin{bmatrix} 7 & 32 \\ 32 & -7 \end{bmatrix}$$

$$2228, 10406, \begin{bmatrix} 1 & 1 & 102 \\ 1 & -1 & 0 \\ 51 & 51 & -1 \end{bmatrix}$$

$$2229, 8714, \begin{bmatrix} 2 & 132 \\ 66 & -1 \end{bmatrix}$$

$$2230, 11570, \begin{bmatrix} 1 & 3 & 48 \\ 3 & -1 & 0 \\ 24 & 72 & -5 \end{bmatrix}$$

$$2231, 706, \begin{bmatrix} 9 & 25 \\ 25 & -9 \end{bmatrix}$$

$$2232, 1584, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 11 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 2 & 2 & -1 \\ 4 & 4 & 4 & -3 & -3 & 0 \end{bmatrix}$$

$$2233, 705, \begin{bmatrix} 4 & 5 & 10 \\ 0 & 2 & -1 \\ 25 & -4 & -8 \end{bmatrix}$$

$$2234, 34970, \begin{bmatrix} 1 & 187 \\ 187 & -1 \end{bmatrix}$$

$$2235, 16094, \begin{bmatrix} 2 & 3 & 35 \\ 3 & -2 & 0 \\ 70 & 105 & -13 \end{bmatrix}$$

$$2236, 1404, \begin{bmatrix} 1 & 1 & 6 & 14 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -3 & 1 \\ 8 & 8 & 9 & -5 \end{bmatrix}$$

$$2237, 332, [332]$$

$$2238, 27405, \begin{bmatrix} 1 & 2 & 74 \\ 2 & -1 & 0 \\ 74 & 148 & -5 \end{bmatrix}$$

2239, 333, [333]

$$2240, 7440, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 3 & 4 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -2 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \\ 4 & 4 & 4 & 4 & 4 & 4 & 12 & -15 \end{bmatrix}$$

$$2241, 3246, \begin{bmatrix} 2 & 2 & 2 & 23 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 23 & 23 & 23 & -6 \end{bmatrix}$$

$$2242, 354, \begin{bmatrix} 1 & 8 & 17 \\ 7 & -3 & 1 \\ 1 & 2 & -1 \end{bmatrix}$$

2243, 334, [334]

$$2244, 640, \begin{bmatrix} 1 & 1 & 2 & 5 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 1 & -1 \\ 1 & 1 & -2 & -1 & 1 \\ 3 & 3 & 6 & -5 & 1 \end{bmatrix}$$

$$2245, 2526, \begin{bmatrix} 3 & 87 \\ 29 & -1 \end{bmatrix}$$

$$2246, 35345, \begin{bmatrix} 1 & 188 \\ 188 & -1 \end{bmatrix}$$

$$2247, 2010, \begin{bmatrix} 2 & 4 & 28 \\ 2 & -1 & 0 \\ 14 & 28 & -5 \end{bmatrix}$$

$$2248, 7206, \begin{bmatrix} 1 & 1 & 1 & 60 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 20 & 20 & 20 & -1 \end{bmatrix}$$

$$2249, 818, \begin{bmatrix} 6 & 40 \\ 20 & -3 \end{bmatrix}$$

$$2250, 432, \begin{bmatrix} 1 & 2 & 2 & 3 & 3 & 3 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & -1 & -1 & 1 & -1 & 1 \\ 3 & 0 & 0 & -1 & 1 & -1 \\ 1 & 2 & 2 & 0 & -3 & 0 \end{bmatrix}$$

$$2251, 335, [335]$$

$$2252, 21222, \begin{bmatrix} 1 & 1 & 103 \\ 1 & -1 & 0 \\ 103 & 103 & -2 \end{bmatrix}$$

$$2253, 17693, \begin{bmatrix} 2 & 133 \\ 133 & -2 \end{bmatrix}$$

$$2254, 456, \begin{bmatrix} 1 & 4 & 4 & 9 \\ 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & -1 \\ 13 & -5 & -5 & 3 \end{bmatrix}$$

$$2255, 1218, \begin{bmatrix} 3 & 5 & 13 \\ 10 & 7 & -5 \\ 4 & -5 & 1 \end{bmatrix}$$

$$2256, 7456, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 15 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 15 & 15 & 15 & 15 & 30 & -8 \end{bmatrix}$$

$$2257, 78, \begin{bmatrix} 12 & 18 \\ 3 & -2 \end{bmatrix}$$

$$2258, 35722, \begin{bmatrix} 1 & 189 \\ 189 & -1 \end{bmatrix}$$

$$2259, 2924, \begin{bmatrix} 2 & 2 & 54 \\ 1 & -1 & 0 \\ 27 & 27 & -2 \end{bmatrix}$$

$$2260, 20042, \begin{bmatrix} 1 & 1 & 3 & 30 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 30 & 30 & 90 & -11 \end{bmatrix}$$

$$2261, 645, \begin{bmatrix} 4 & 7 & 8 \\ 2 & 0 & -1 \\ 7 & -20 & 14 \end{bmatrix}$$

$$2262, 4230, \begin{bmatrix} 1 & 2 & 6 & 10 \\ 0 & 2 & 1 & -1 \\ 4 & 2 & -3 & 1 \\ 18 & -11 & 14 & -8 \end{bmatrix}$$

$$2263, 562, \begin{bmatrix} 11 & 21 \\ 21 & -11 \end{bmatrix}$$

$$2264, 22344, \begin{bmatrix} 1 & 1 & 1 & 61 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 61 & 61 & 61 & -3 \end{bmatrix}$$

$$2265, 13090, \begin{bmatrix} 2 & 3 & 36 \\ 3 & 10 & -1 \\ 33 & -10 & -1 \end{bmatrix}$$

$$2266, 4530, \begin{bmatrix} 1 & 5 & 27 \\ 2 & 5 & -1 \\ 28 & -11 & 1 \end{bmatrix}$$

2267, 336, [336]

$$2268, 1088, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 2 & 4 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & -1 & 1 & 0 \\ 0 & 0 & 1 & 1 & 1 & 1 & -2 \\ 8 & 8 & -1 & -1 & -1 & -1 & -2 \end{bmatrix}$$

2269, 337, [337]

$$2270, 24110, \begin{bmatrix} 1 & 3 & 49 \\ 3 & -1 & 0 \\ 49 & 147 & -10 \end{bmatrix}$$

$$2271, 8980, \begin{bmatrix} 2 & 134 \\ 67 & -1 \end{bmatrix}$$

$$2272, 3240, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 20 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 4 & 4 & 4 & 4 & 4 & -1 \end{bmatrix}$$

2273, 338, [338]

$$2274, 5630, \begin{bmatrix} 1 & 2 & 75 \\ 2 & -1 & 0 \\ 15 & 30 & -1 \end{bmatrix}$$

$$2275, 210, \begin{bmatrix} 3 & 3 & 4 & 6 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 0 & -1 \\ 2 & 2 & -9 & 4 \end{bmatrix}$$

$$2276, 10818, \begin{bmatrix} 1 & 1 & 104 \\ 1 & -1 & 0 \\ 52 & 52 & -1 \end{bmatrix}$$

$$2277, 456, \begin{bmatrix} 2 & 2 & 5 & 9 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 \\ 7 & 7 & -11 & 3 \end{bmatrix}$$

$$2278, 4110, \begin{bmatrix} 1 & 7 & 19 \\ 5 & 2 & -1 \\ 15 & -32 & 11 \end{bmatrix}$$

$$2279, 226, \begin{bmatrix} 14 & 16 \\ 8 & -7 \end{bmatrix}$$

$$2280, 1280, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 8 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 & 0 \\ 1 & -1 & 1 & -2 & 1 & 0 \\ 1 & -3 & 1 & 2 & -1 & 0 \\ 1 & 1 & 1 & 2 & 3 & -2 \end{bmatrix}$$

2281, 339, [339]

$$2282, 24837, \begin{bmatrix} 1 & 4 & 38 \\ 4 & -1 & 0 \\ 38 & 152 & -17 \end{bmatrix}$$

$$2283, 18229, \begin{bmatrix} 2 & 135 \\ 135 & -2 \end{bmatrix}$$

$$2284, 22054, \begin{bmatrix} 1 & 1 & 105 \\ 1 & -1 & 0 \\ 105 & 105 & -2 \end{bmatrix}$$

$$2285, 7753, \begin{bmatrix} 3 & 88 \\ 88 & -3 \end{bmatrix}$$

$$2286, 17460, \begin{bmatrix} 1 & 2 & 2 & 31 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 31 & 62 & 62 & -9 \end{bmatrix}$$

2287, 340, [340]

$$2288, 2080, \begin{bmatrix} 1 & 1 & 1 & 1 & 5 & 6 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 3 & 3 & 3 & 3 & 0 & -2 \\ 1 & 1 & 1 & 1 & -8 & 6 \end{bmatrix}$$

$$2289, 4305, \begin{bmatrix} 2 & 4 & 29 \\ 2 & -1 & 0 \\ 29 & 58 & -10 \end{bmatrix}$$

$$2290, 2510, \begin{bmatrix} 1 & 3 & 50 \\ 3 & -1 & 0 \\ 5 & 15 & -1 \end{bmatrix}$$

$$2291, 292, \begin{bmatrix} 10 & 22 \\ 11 & -5 \end{bmatrix}$$

$$2292, 11130, \begin{bmatrix} 1 & 1 & 2 & 43 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 43 & 43 & 86 & -6 \end{bmatrix}$$

2293, 341, [341]

$$2294, 798, \begin{bmatrix} 1 & 11 & 12 \\ 23 & -13 & 10 \\ 1 & 1 & -1 \end{bmatrix}$$

$$2295, 280, \begin{bmatrix} 2 & 2 & 2 & 3 & 7 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & 1 & -1 \\ 1 & 1 & 1 & -2 & 0 \\ 1 & -4 & 1 & -1 & 1 \end{bmatrix}$$

$$2296, 5640, \begin{bmatrix} 1 & 1 & 1 & 4 & 13 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & -4 & 1 \\ 14 & 14 & 14 & 9 & -6 \end{bmatrix}$$

$$2297, 342, [342]$$

$$2298, 28905, \begin{bmatrix} 1 & 2 & 76 \\ 2 & -1 & 0 \\ 76 & 152 & -5 \end{bmatrix}$$

$$2299, 114, \begin{bmatrix} 5 & 5 & 8 \\ 1 & -1 & 0 \\ 4 & 4 & -5 \end{bmatrix}$$

$$2300, 4040, \begin{bmatrix} 1 & 1 & 3 & 3 & 9 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 3 & 3 & -1 & -1 & 0 \\ 9 & 9 & 27 & 27 & -20 \end{bmatrix}$$

$$2301, 3290, \begin{bmatrix} 2 & 6 & 17 \\ 3 & -1 & 0 \\ 17 & 51 & -20 \end{bmatrix}$$

$$2302, 36101, \begin{bmatrix} 1 & 190 \\ 190 & -1 \end{bmatrix}$$

$$2303, 514, \begin{bmatrix} 4 & 4 & 15 \\ 1 & -1 & 0 \\ 15 & 15 & -8 \end{bmatrix}$$

$$2304, 1024, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & 0 & 0 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 1 & -1 & -1 & 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & -1 & -1 & -1 & -1 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & -2 & -2 \end{bmatrix}$$

$$2305, 7930, \begin{bmatrix} 3 & 89 \\ 89 & -3 \end{bmatrix}$$

$$2306, 36482, \begin{bmatrix} 1 & 191 \\ 191 & -1 \end{bmatrix}$$

$$2307, 9250, \begin{bmatrix} 2 & 136 \\ 68 & -1 \end{bmatrix}$$

$$2308, 11238, \begin{bmatrix} 1 & 1 & 106 \\ 1 & -1 & 0 \\ 53 & 53 & -1 \end{bmatrix}$$

$$2309, 343, [343]$$

$$2310, 990, \begin{bmatrix} 1 & 2 & 3 & 4 & 5 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 0 & 1 & -1 & 0 \\ 3 & -4 & -1 & 2 & 0 \\ 1 & 2 & 3 & 4 & -6 \end{bmatrix}$$

$$2311, 344, [344]$$

$$2312, 1212, \begin{bmatrix} 1 & 1 & 1 & 7 & 7 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 14 & 14 & 14 & -3 & -3 \end{bmatrix}$$

$$2313, 6066, \begin{bmatrix} 2 & 2 & 55 \\ 1 & -1 & 0 \\ 55 & 55 & -4 \end{bmatrix}$$

$$2314, 10421, \begin{bmatrix} 1 & 6 & 24 \\ 0 & 4 & -1 \\ 102 & -1 & -4 \end{bmatrix}$$

$$2315, 2703, \begin{bmatrix} 3 & 90 \\ 30 & -1 \end{bmatrix}$$

$$2316, 5826, \begin{bmatrix} 1 & 1 & 2 & 44 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 22 & 22 & 44 & -3 \end{bmatrix}$$

$$2317, 4505, \begin{bmatrix} 4 & 67 \\ 67 & -4 \end{bmatrix}$$

$$2318, 3501, \begin{bmatrix} 1 & 8 & 18 \\ 2 & 2 & -1 \\ 44 & -37 & 14 \end{bmatrix}$$

$$2319, 18773, \begin{bmatrix} 2 & 137 \\ 137 & -2 \end{bmatrix}$$

$$2320, 8136, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 10 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 2 & -1 \\ 23 & 23 & 23 & 23 & -44 & 4 \end{bmatrix}$$

$$2321, 2234, \begin{bmatrix} 5 & 47 \\ 47 & -5 \end{bmatrix}$$

$$2322, 5016, \begin{bmatrix} 1 & 2 & 2 & 2 & 14 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 12 & 5 & 5 & 5 & -3 \\ 4 & -3 & -3 & -3 & 1 \end{bmatrix}$$

$$2323, 757, \begin{bmatrix} 9 & 26 \\ 26 & -9 \end{bmatrix}$$

$$2324, 9846, \begin{bmatrix} 1 & 1 & 4 & 23 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 23 & 23 & 92 & -18 \end{bmatrix}$$

$$2325, 286, \begin{bmatrix} 2 & 3 & 3 & 11 \\ 0 & 1 & -1 & 0 \\ 3 & -1 & -1 & 0 \\ 2 & 3 & 3 & -2 \end{bmatrix}$$

$$2326, 36865, \begin{bmatrix} 1 & 192 \\ 192 & -1 \end{bmatrix}$$

$$2327, 1717, \begin{bmatrix} 6 & 41 \\ 41 & -6 \end{bmatrix}$$

$$2328, 26544, \begin{bmatrix} 1 & 1 & 1 & 2 & 25 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 25 & 25 & 25 & 50 & -7 \end{bmatrix}$$

$$2329, 1138, \begin{bmatrix} 7 & 33 \\ 33 & -7 \end{bmatrix}$$

$$2330, 26110, \begin{bmatrix} 1 & 3 & 51 \\ 3 & -1 & 0 \\ 51 & 153 & -10 \end{bmatrix}$$

$$2331, 84, \begin{bmatrix} 2 & 2 & 4 & 12 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 1 & 1 & 2 & -1 \end{bmatrix}$$

$$2332, 11886, \begin{bmatrix} 1 & 1 & 5 & 16 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 6 & -2 \\ 53 & 53 & -18 & -1 \end{bmatrix}$$

2333, 345, [345]

$$2334, 29670, \begin{bmatrix} 1 & 2 & 77 \\ 2 & -1 & 0 \\ 77 & 154 & -5 \end{bmatrix}$$

$$2335, 8290, \begin{bmatrix} 3 & 91 \\ 91 & -3 \end{bmatrix}$$

$$2336, 17840, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 21 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 21 & 21 & 21 & 21 & 21 & -5 \end{bmatrix}$$

$$2337, 2607, \begin{bmatrix} 2 & 8 & 13 \\ 5 & 2 & -2 \\ 14 & -23 & 12 \end{bmatrix}$$

$$2338, 26146, \begin{bmatrix} 1 & 4 & 39 \\ 4 & -1 & 0 \\ 39 & 156 & -17 \end{bmatrix}$$

2339, 346, [346]

$$2340, 1100, \begin{bmatrix} 1 & 1 & 2 & 2 & 3 & 6 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 2 & -1 \\ 2 & 2 & -1 & -1 & 0 & 0 \\ 3 & 3 & 6 & 6 & -2 & -4 \end{bmatrix}$$

2341, 347, [347]

$$2342, 37250, \begin{bmatrix} 1 & 193 \\ 193 & -1 \end{bmatrix}$$

$$2343, 2145, \begin{bmatrix} 2 & 5 & 20 \\ 10 & -8 & 1 \\ 5 & 6 & -2 \end{bmatrix}$$

$$2344, 23082, \begin{bmatrix} 1 & 1 & 1 & 62 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 62 & 62 & 62 & -3 \end{bmatrix}$$

$$2345, 3474, \begin{bmatrix} 3 & 4 & 19 \\ 1 & 4 & -1 \\ 40 & -11 & -4 \end{bmatrix}$$

$$2346, 405, \begin{bmatrix} 1 & 2 & 7 & 9 \\ 0 & 1 & 1 & -1 \\ 5 & 1 & -1 & 0 \\ 1 & -3 & 2 & -1 \end{bmatrix}$$

2347, 348, [348]

$$2348, 22902, \begin{bmatrix} 1 & 1 & 107 \\ 1 & -1 & 0 \\ 107 & 107 & -2 \end{bmatrix}$$

$$2349, 464, \begin{bmatrix} 2 & 2 & 2 & 2 & 10 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 5 & 5 & 5 & 5 & -4 \end{bmatrix}$$

$$2350, 3416, \begin{bmatrix} 1 & 3 & 3 & 15 \\ 0 & 1 & -1 & 0 \\ 3 & -3 & -3 & 1 \\ 24 & 11 & 11 & -6 \end{bmatrix}$$

2351, 349, [349]

$$2352, 320, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 4 & 4 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 & 0 \\ 1 & 1 & 1 & 1 & 2 & -1 & -1 \end{bmatrix}$$

$$2353, 300, \begin{bmatrix} 6 & 42 \\ 7 & -1 \end{bmatrix}$$

$$2354, 5670, \begin{bmatrix} 1 & 5 & 28 \\ 3 & 5 & -1 \\ 29 & -17 & 2 \end{bmatrix}$$

$$2355, 17966, \begin{bmatrix} 2 & 3 & 37 \\ 3 & -2 & 0 \\ 74 & 111 & -13 \end{bmatrix}$$

$$2356, 1122, \begin{bmatrix} 1 & 1 & 8 & 11 \\ 1 & -1 & 0 & 0 \\ 4 & 4 & -1 & 0 \\ 1 & 1 & 8 & -6 \end{bmatrix}$$

2357, 350, [350]

$$2358, 18594, \begin{bmatrix} 1 & 2 & 2 & 32 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 32 & 64 & 64 & -9 \end{bmatrix}$$

$$2359, 1160, \begin{bmatrix} 4 & 68 \\ 17 & -1 \end{bmatrix}$$

$$2360, 7224, \begin{bmatrix} 1 & 1 & 1 & 3 & 17 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 17 & 17 & 17 & 51 & -12 \end{bmatrix}$$

$$2361, 9524, \begin{bmatrix} 2 & 138 \\ 69 & -1 \end{bmatrix}$$

$$2362, 37637, \begin{bmatrix} 1 & 194 \\ 194 & -1 \end{bmatrix}$$

$$2363, 1205, \begin{bmatrix} 7 & 34 \\ 34 & -7 \end{bmatrix}$$

$$2364, 4062, \begin{bmatrix} 1 & 1 & 2 & 45 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 15 & 15 & 30 & -2 \end{bmatrix}$$

$$2365, 690, \begin{bmatrix} 3 & 5 & 14 \\ 8 & -2 & -1 \\ 1 & 5 & -2 \end{bmatrix}$$

$$2366, 1958, \begin{bmatrix} 1 & 4 & 6 & 6 \\ 0 & 0 & 1 & -1 \\ 4 & 2 & -1 & -1 \\ 16 & -25 & 7 & 7 \end{bmatrix}$$

$$2367, 1572, \begin{bmatrix} 2 & 2 & 56 \\ 1 & -1 & 0 \\ 14 & 14 & -1 \end{bmatrix}$$

$$2368, 1200, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 12 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 2 & 2 & 2 & 2 & 2 & 2 & -1 \end{bmatrix}$$

$$2369, 90, \begin{bmatrix} 9 & 27 \\ 3 & -1 \end{bmatrix}$$

$$2370, 10458, \begin{bmatrix} 1 & 2 & 3 & 22 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 11 & 22 & 33 & -7 \end{bmatrix}$$

$$2371, 351, [351]$$

$$2372, 11666, \begin{bmatrix} 1 & 1 & 108 \\ 1 & -1 & 0 \\ 54 & 54 & -1 \end{bmatrix}$$

$$2373, 460, \begin{bmatrix} 2 & 4 & 30 \\ 2 & -1 & 0 \\ 3 & 6 & -1 \end{bmatrix}$$

$$2374, 38026, \begin{bmatrix} 1 & 195 \\ 195 & -1 \end{bmatrix}$$

$$2375, 546, \begin{bmatrix} 3 & 3 & 3 & 8 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 8 & 8 & 8 & -9 \end{bmatrix}$$

$$2376, 960, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 & 5 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 0 & 1 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 1 & 0 & 1 & -1 \\ 1 & -1 & 1 & 0 & 2 & 0 & -1 \\ 1 & 6 & 1 & -3 & 2 & -3 & 0 \end{bmatrix}$$

2377, 352, [352]

$$2378, 810, \begin{bmatrix} 1 & 10 & 13 \\ 7 & -2 & 1 \\ 2 & 5 & -4 \end{bmatrix}$$

$$2379, 364, \begin{bmatrix} 2 & 6 & 18 \\ 3 & -4 & 1 \\ 3 & 2 & -1 \end{bmatrix}$$

$$2380, 2280, \begin{bmatrix} 1 & 1 & 3 & 4 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 2 & 2 & 1 & 0 & -1 \\ 1 & 1 & -3 & 0 & 1 \\ 1 & 1 & 3 & -15 & 7 \end{bmatrix}$$

2381, 353, [353]

$$2382, 30445, \begin{bmatrix} 1 & 2 & 78 \\ 2 & -1 & 0 \\ 78 & 156 & -5 \end{bmatrix}$$

2383, 354, [354]

$$2384, 9832, \begin{bmatrix} 1 & 1 & 1 & 1 & 35 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 35 & 35 & 35 & 35 & -4 \end{bmatrix}$$

$$2385, 2730, \begin{bmatrix} 2 & 2 & 3 & 16 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & -12 & 1 \\ 5 & 5 & 4 & -2 \end{bmatrix}$$

$$2386, 38417, \begin{bmatrix} 1 & 196 \\ 196 & -1 \end{bmatrix}$$

$$2387, 486, \begin{bmatrix} 4 & 5 & 11 \\ 4 & -1 & -1 \\ 1 & 8 & -4 \end{bmatrix}$$

$$2388, 6366, \begin{bmatrix} 1 & 1 & 2 & 46 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 23 & 23 & 46 & -3 \end{bmatrix}$$

$$2389, 355, [355]$$

$$2390, 13570, \begin{bmatrix} 1 & 3 & 52 \\ 3 & -1 & 0 \\ 26 & 78 & -5 \end{bmatrix}$$

$$2391, 19325, \begin{bmatrix} 2 & 139 \\ 139 & -2 \end{bmatrix}$$

$$2392, 240, \begin{bmatrix} 1 & 1 & 1 & 6 & 9 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & -2 & 1 \end{bmatrix}$$

$$2393, 356, [356]$$

$$2394, 5874, \begin{bmatrix} 1 & 2 & 2 & 4 & 8 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & 1 & -1 & 0 \\ 0 & 2 & 2 & 4 & -3 \\ 44 & -1 & -1 & -2 & -4 \end{bmatrix}$$

$$2395, 8473, \begin{bmatrix} 3 & 92 \\ 92 & -3 \end{bmatrix}$$

$$2396, 23766, \begin{bmatrix} 1 & 1 & 109 \\ 1 & -1 & 0 \\ 109 & 109 & -2 \end{bmatrix}$$

$$2397, 2502, \begin{bmatrix} 2 & 7 & 15 \\ 4 & 1 & -1 \\ 11 & -31 & 13 \end{bmatrix}$$

$$2398, 12138, \begin{bmatrix} 1 & 5 & 29 \\ 4 & 5 & -1 \\ 50 & -39 & 5 \end{bmatrix}$$

$$2399, 357, [357]$$

$$2400, 1944, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 3 & 3 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 & 0 \\ 2 & 2 & 2 & 2 & 2 & 4 & -3 & -3 \end{bmatrix}$$

$$2401, 32, \begin{bmatrix} 4 & 4 & 4 & 4 \\ 1 & 0 & 0 & -1 \\ 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 \end{bmatrix}$$

$$2402, 38810, \begin{bmatrix} 1 & 197 \\ 197 & -1 \end{bmatrix}$$

$$2403, 588, \begin{bmatrix} 2 & 2 & 2 & 24 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 4 & 4 & 4 & -1 \end{bmatrix}$$

$$2404, 12102, \begin{bmatrix} 1 & 1 & 110 \\ 1 & -1 & 0 \\ 55 & 55 & -1 \end{bmatrix}$$

$$2405, 126, \begin{bmatrix} 3 & 6 & 12 \\ 2 & -3 & 1 \\ 2 & 1 & -1 \end{bmatrix}$$

$$2406, 31230, \begin{bmatrix} 1 & 2 & 79 \\ 2 & -1 & 0 \\ 79 & 158 & -5 \end{bmatrix}$$

$$2407, 629, \begin{bmatrix} 10 & 23 \\ 23 & -10 \end{bmatrix}$$

$$2408, 14190, \begin{bmatrix} 1 & 1 & 1 & 4 & 14 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 12 & 12 & 12 & 5 & -4 \\ 2 & 2 & 2 & -12 & 3 \end{bmatrix}$$

$$2409, 1410, \begin{bmatrix} 2 & 5 & 21 \\ 11 & 4 & -2 \\ 2 & -5 & 1 \end{bmatrix}$$

$$2410, 28190, \begin{bmatrix} 1 & 3 & 53 \\ 3 & -1 & 0 \\ 53 & 159 & -10 \end{bmatrix}$$

$$2411, 358, [358]$$

$$2412, 7420, \begin{bmatrix} 1 & 1 & 2 & 2 & 19 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 19 & 19 & 38 & 38 & -10 \end{bmatrix}$$

$$2413, 1025, \begin{bmatrix} 8 & 31 \\ 31 & -8 \end{bmatrix}$$

$$2414, 2250, \begin{bmatrix} 1 & 7 & 20 \\ 7 & -1 & 0 \\ 2 & 14 & -5 \end{bmatrix}$$

$$2415, 550, \begin{bmatrix} 2 & 3 & 4 & 9 \\ 2 & 0 & -1 & 0 \\ 0 & 3 & 0 & -1 \\ 3 & -1 & 6 & -3 \end{bmatrix}$$

$$2416, 2600, \begin{bmatrix} 1 & 1 & 1 & 1 & 36 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 9 & 9 & 9 & 9 & -1 \end{bmatrix}$$

2417, 359, [359]

$$2418, 1458, \begin{bmatrix} 1 & 2 & 6 & 11 \\ 2 & 2 & -1 & 0 \\ 3 & -2 & 2 & -1 \\ 2 & -5 & -6 & 4 \end{bmatrix}$$

$$2419, 458, \begin{bmatrix} 13 & 17 \\ 17 & -13 \end{bmatrix}$$

$$2420, 1708, \begin{bmatrix} 1 & 1 & 3 & 5 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 2 & 2 & 2 & -1 & -1 \\ 13 & 13 & -22 & 4 & 4 \end{bmatrix}$$

$$2421, 6514, \begin{bmatrix} 2 & 2 & 57 \\ 1 & -1 & 0 \\ 57 & 57 & -4 \end{bmatrix}$$

$$2422, 22638, \begin{bmatrix} 1 & 4 & 40 \\ 4 & 9 & -1 \\ 52 & -23 & 1 \end{bmatrix}$$

2423, 360, [360]

$$2424, 28686, \begin{bmatrix} 1 & 1 & 1 & 2 & 26 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 26 & 26 & 26 & 52 & -7 \end{bmatrix}$$

$$2425, 1286, \begin{bmatrix} 3 & 3 & 25 \\ 1 & -1 & 0 \\ 25 & 25 & -6 \end{bmatrix}$$

$$2426, 39205, \begin{bmatrix} 1 & 198 \\ 198 & -1 \end{bmatrix}$$

$$2427, 9802, \begin{bmatrix} 2 & 140 \\ 70 & -1 \end{bmatrix}$$

$$2428, 24646, \begin{bmatrix} 1 & 1 & 111 \\ 1 & -1 & 0 \\ 111 & 111 & -2 \end{bmatrix}$$

$$2429, 4777, \begin{bmatrix} 4 & 69 \\ 69 & -4 \end{bmatrix}$$

$$2430, 720, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 2 & 3 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 0 & 1 & 0 & 0 & -1 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 \\ 1 & 1 & -2 & 0 & -2 & 1 & 1 \\ 3 & 1 & 1 & -4 & 1 & 1 & -1 \end{bmatrix}$$

$$2431, 330, \begin{bmatrix} 5 & 6 & 7 \\ 10 & 1 & -8 \\ 1 & -2 & 1 \end{bmatrix}$$

$$2432, 23856, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 8 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & 0 & -2 & 1 & 1 & 0 \\ 1 & 1 & 1 & -6 & 1 & 1 & 1 & 0 \\ 8 & 8 & 8 & 8 & 8 & 8 & 8 & -7 \end{bmatrix}$$

$$2433, 19885, \begin{bmatrix} 2 & 141 \\ 141 & -2 \end{bmatrix}$$

$$2434, 39602, \begin{bmatrix} 1 & 199 \\ 199 & -1 \end{bmatrix}$$

$$2435, 2886, \begin{bmatrix} 3 & 93 \\ 31 & -1 \end{bmatrix}$$

$$2436, 2928, \begin{bmatrix} 1 & 1 & 2 & 4 & 10 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & 1 & -1 \\ 7 & 7 & 14 & -33 & 9 \end{bmatrix}$$

$$2437, 361, [361]$$

$$2438, 3042, \begin{bmatrix} 1 & 9 & 16 \\ 2 & -2 & 1 \\ 41 & 31 & -20 \end{bmatrix}$$

$$2439, 3372, \begin{bmatrix} 2 & 2 & 58 \\ 1 & -1 & 0 \\ 29 & 29 & -2 \end{bmatrix}$$

$$2440, 1344, \begin{bmatrix} 1 & 1 & 1 & 3 & 18 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 3 & 3 & 3 & 9 & -2 \end{bmatrix}$$

2441, 362, [362]

$$2442, 870, \begin{bmatrix} 1 & 2 & 5 & 12 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 2 & 4 & 10 & -5 \end{bmatrix}$$

$$2443, 2458, \begin{bmatrix} 4 & 70 \\ 35 & -2 \end{bmatrix}$$

$$2444, 9994, \begin{bmatrix} 1 & 1 & 6 & 15 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 4 & -2 \\ 36 & 36 & -47 & 14 \end{bmatrix}$$

$$2445, 8742, \begin{bmatrix} 2 & 3 & 38 \\ 13 & 4 & -1 \\ 5 & -16 & 1 \end{bmatrix}$$

$$2446, 40001, \begin{bmatrix} 1 & 200 \\ 200 & -1 \end{bmatrix}$$

2447, 363, [363]

$$2448, 2928, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 7 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 0 \\ 7 & 7 & 7 & 7 & 14 & 14 & -12 \end{bmatrix}$$

$$2449, 55, \begin{bmatrix} 11 & 22 \\ 2 & -1 \end{bmatrix}$$

$$2450, 816, \begin{bmatrix} 1 & 3 & 3 & 4 & 4 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 2 & 1 & 1 & -1 & -1 \\ 14 & -9 & -9 & 5 & 5 \end{bmatrix}$$

$$2451, 132, \begin{bmatrix} 2 & 8 & 14 \\ 3 & 1 & -1 \\ 1 & -2 & 1 \end{bmatrix}$$

$$2452, 12546, \begin{bmatrix} 1 & 1 & 112 \\ 1 & -1 & 0 \\ 56 & 56 & -1 \end{bmatrix}$$

$$2453, 2329, \begin{bmatrix} 5 & 48 \\ 48 & -5 \end{bmatrix}$$

$$2454, 6405, \begin{bmatrix} 1 & 2 & 80 \\ 2 & -1 & 0 \\ 16 & 32 & -1 \end{bmatrix}$$

$$2455, 8845, \begin{bmatrix} 3 & 94 \\ 94 & -3 \end{bmatrix}$$

$$2456, 7944, \begin{bmatrix} 1 & 1 & 1 & 63 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 21 & 21 & 21 & -1 \end{bmatrix}$$

$$2457, 256, \begin{bmatrix} 2 & 2 & 2 & 4 & 6 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 \\ 1 & -3 & 1 & 2 & -1 \\ 1 & -1 & 1 & -2 & 1 \end{bmatrix}$$

$$2458, 40402, \begin{bmatrix} 1 & 201 \\ 201 & -1 \end{bmatrix}$$

$$2459, 364, [364]$$

$$2460, 5520, \begin{bmatrix} 1 & 1 & 2 & 3 & 13 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 13 & 13 & 26 & 39 & -15 \end{bmatrix}$$

$$2461, 865, \begin{bmatrix} 9 & 28 \\ 28 & -9 \end{bmatrix}$$

$$2462, 40805, \begin{bmatrix} 1 & 202 \\ 202 & -1 \end{bmatrix}$$

$$2463, 10084, \begin{bmatrix} 2 & 142 \\ 71 & -1 \end{bmatrix}$$

$$2464, 5520, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 4 & 5 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 0 & -1 \\ 1 & 1 & -4 & 1 & 1 & 0 & 0 \\ 2 & 2 & 2 & 2 & 2 & -15 & 10 \end{bmatrix}$$

$$2465, 474, \begin{bmatrix} 3 & 7 & 10 \\ 1 & 1 & -1 \\ 17 & -13 & 4 \end{bmatrix}$$

$$2466, 6588, \begin{bmatrix} 1 & 2 & 2 & 33 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 11 & 22 & 22 & -3 \end{bmatrix}$$

$$2467, 365, [365]$$

$$2468, 25542, \begin{bmatrix} 1 & 1 & 113 \\ 1 & -1 & 0 \\ 113 & 113 & -2 \end{bmatrix}$$

$$2469, 20453, \begin{bmatrix} 2 & 143 \\ 143 & -2 \end{bmatrix}$$

$$2470, 550, \begin{bmatrix} 1 & 3 & 6 & 8 \\ 0 & 2 & -1 & 0 \\ 7 & -1 & -2 & 1 \\ 1 & 1 & 2 & -2 \end{bmatrix}$$

$$2471, 5057, \begin{bmatrix} 4 & 71 \\ 71 & -4 \end{bmatrix}$$

$$2472, 30912, \begin{bmatrix} 1 & 1 & 1 & 2 & 27 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 27 & 27 & 27 & 54 & -7 \end{bmatrix}$$

$$2473, 366, [366]$$

$$2474, 41210, \begin{bmatrix} 1 & 203 \\ 203 & -1 \end{bmatrix}$$

$$2475, 816, \begin{bmatrix} 2 & 2 & 3 & 3 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & 1 & -2 \\ 11 & 11 & -9 & -9 & 2 \end{bmatrix}$$

$$2476, 12998, \begin{bmatrix} 1 & 1 & 114 \\ 1 & -1 & 0 \\ 57 & 57 & -1 \end{bmatrix}$$

$$2477, 367, [367]$$

$$2478, 4650, \begin{bmatrix} 1 & 2 & 4 & 17 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & 3 & -1 \\ 11 & 22 & -18 & 1 \end{bmatrix}$$

$$2479, 505, \begin{bmatrix} 12 & 19 \\ 19 & -12 \end{bmatrix}$$

$$2480, 9648, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 11 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 2 & 2 & 2 & 2 & 1 & -1 \\ 7 & 7 & 7 & 7 & -46 & 10 \end{bmatrix}$$

$$2481, 10370, \begin{bmatrix} 2 & 144 \\ 72 & -1 \end{bmatrix}$$

$$2482, 4910, \begin{bmatrix} 1 & 7 & 21 \\ 0 & 3 & -1 \\ 70 & -1 & -3 \end{bmatrix}$$

$$2483, 1885, \begin{bmatrix} 6 & 43 \\ 43 & -6 \end{bmatrix}$$

$$2484, 5700, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 9 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 2 & 2 & -1 & 0 & -1 & 0 \\ 1 & 1 & 2 & 4 & 2 & -2 \\ 4 & 4 & 8 & -11 & 8 & -2 \end{bmatrix}$$

$$2485, 2125, \begin{bmatrix} 3 & 4 & 20 \\ 4 & -3 & 0 \\ 12 & 16 & -5 \end{bmatrix}$$

$$2486, 12038, \begin{bmatrix} 1 & 5 & 30 \\ 5 & -1 & 0 \\ 15 & 75 & -13 \end{bmatrix}$$

$$2487, 21029, \begin{bmatrix} 2 & 145 \\ 145 & -2 \end{bmatrix}$$

$$2488, 24594, \begin{bmatrix} 1 & 1 & 1 & 64 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 64 & 64 & 64 & -3 \end{bmatrix}$$

$$2489, 136, \begin{bmatrix} 8 & 32 \\ 4 & -1 \end{bmatrix}$$

$$2490, 21177, \begin{bmatrix} 1 & 2 & 3 & 23 \\ 1 & 1 & -1 & 0 \\ 2 & 3 & 5 & -1 \\ 63 & -55 & 8 & 1 \end{bmatrix}$$

$$2491, 481, \begin{bmatrix} 15 & 16 \\ 16 & -15 \end{bmatrix}$$

$$2492, 1782, \begin{bmatrix} 1 & 1 & 4 & 24 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 4 & 4 & 16 & -3 \end{bmatrix}$$

$$2493, 6978, \begin{bmatrix} 2 & 2 & 59 \\ 1 & -1 & 0 \\ 59 & 59 & -4 \end{bmatrix}$$

$$2494, 1782, \begin{bmatrix} 1 & 10 & 14 \\ 8 & -19 & 13 \\ 4 & 1 & -1 \end{bmatrix}$$

$$2495, 9034, \begin{bmatrix} 3 & 95 \\ 95 & -3 \end{bmatrix}$$

$$2496, 5520, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 6 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -3 & 0 \\ 3 & 3 & 3 & 3 & 3 & 3 & 6 & -5 \end{bmatrix}$$

$$2497, 2426, \begin{bmatrix} 5 & 49 \\ 49 & -5 \end{bmatrix}$$

$$2498, 41617, \begin{bmatrix} 1 & 204 \\ 204 & -1 \end{bmatrix}$$

$$2499, 510, \begin{bmatrix} 2 & 4 & 4 & 7 \\ 0 & 1 & -1 & 0 \\ 6 & -5 & -5 & 4 \\ 3 & 1 & 1 & -2 \end{bmatrix}$$

$$2500, 304, \begin{bmatrix} 1 & 1 & 3 & 3 & 3 & 3 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 1 & -1 & -1 & 1 \\ 6 & 6 & -1 & -1 & -1 & -1 \end{bmatrix}$$

$$2501, 493, \begin{bmatrix} 13 & 18 \\ 18 & -13 \end{bmatrix}$$

$$2502, 20970, \begin{bmatrix} 1 & 2 & 2 & 34 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 34 & 68 & 68 & -9 \end{bmatrix}$$

2503, 368, [368]

$$2504, 25368, \begin{bmatrix} 1 & 1 & 1 & 65 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 65 & 65 & 65 & -3 \end{bmatrix}$$

$$2505, 1534, \begin{bmatrix} 2 & 3 & 39 \\ 3 & -2 & 0 \\ 6 & 9 & -1 \end{bmatrix}$$

$$2506, 28866, \begin{bmatrix} 1 & 4 & 41 \\ 4 & -1 & 0 \\ 41 & 164 & -17 \end{bmatrix}$$

$$2507, 922, \begin{bmatrix} 9 & 29 \\ 29 & -9 \end{bmatrix}$$

$$2508, 2280, \begin{bmatrix} 1 & 1 & 2 & 5 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -2 & 1 \\ 3 & 3 & 1 & 0 & -1 \\ 3 & 3 & -13 & -4 & 5 \end{bmatrix}$$

$$2509, 986, \begin{bmatrix} 6 & 44 \\ 22 & -3 \end{bmatrix}$$

$$2510, 14630, \begin{bmatrix} 1 & 3 & 54 \\ 3 & -1 & 0 \\ 27 & 81 & -5 \end{bmatrix}$$

$$2511, 1096, \begin{bmatrix} 2 & 2 & 2 & 2 & 11 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 11 & 11 & 11 & 11 & -8 \end{bmatrix}$$

$$2512, 10984, \begin{bmatrix} 1 & 1 & 1 & 1 & 37 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 37 & 37 & 37 & 37 & -4 \end{bmatrix}$$

$$2513, 1300, \begin{bmatrix} 4 & 72 \\ 18 & -1 \end{bmatrix}$$

$$2514, 32830, \begin{bmatrix} 1 & 2 & 81 \\ 2 & -1 & 0 \\ 81 & 162 & -5 \end{bmatrix}$$

$$2515, 3075, \begin{bmatrix} 3 & 96 \\ 32 & -1 \end{bmatrix}$$

$$2516, 2730, \begin{bmatrix} 1 & 1 & 7 & 12 \\ 1 & -1 & 0 & 0 \\ 10 & 10 & -8 & 3 \\ 3 & 3 & 6 & -4 \end{bmatrix}$$

$$2517, 10660, \begin{bmatrix} 2 & 146 \\ 73 & -1 \end{bmatrix}$$

$$2518, 42026, \begin{bmatrix} 1 & 205 \\ 205 & -1 \end{bmatrix}$$

$$2519, 505, \begin{bmatrix} 5 & 50 \\ 10 & -1 \end{bmatrix}$$

$$2520, 432, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 3 & 4 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & 1 & 0 & 0 & -1 & 0 \\ 1 & -1 & 1 & -1 & -1 & 1 & 0 \\ 1 & -2 & 1 & 2 & 2 & 0 & -2 \end{bmatrix}$$

$$2521, 369, [369]$$

$$2522, 5958, \begin{bmatrix} 1 & 6 & 25 \\ 1 & 4 & -1 \\ 53 & -13 & 1 \end{bmatrix}$$

$$2523, 204, \begin{bmatrix} 2 & 10 & 10 \\ 0 & 1 & -1 \\ 10 & -1 & -1 \end{bmatrix}$$

$$2524, 26454, \begin{bmatrix} 1 & 1 & 115 \\ 1 & -1 & 0 \\ 115 & 115 & -2 \end{bmatrix}$$

$$2525, 694, \begin{bmatrix} 3 & 3 & 26 \\ 1 & -1 & 0 \\ 13 & 13 & -3 \end{bmatrix}$$

$$2526, 33645, \begin{bmatrix} 1 & 2 & 82 \\ 2 & -1 & 0 \\ 82 & 164 & -5 \end{bmatrix}$$

$$2527, 72, \begin{bmatrix} 4 & 8 & 8 \\ 0 & 1 & -1 \\ 4 & -1 & -1 \end{bmatrix}$$

$$2528, 19560, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 22 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 22 & 22 & 22 & 22 & 22 & -5 \end{bmatrix}$$

$$2529, 1804, \begin{bmatrix} 2 & 2 & 60 \\ 1 & -1 & 0 \\ 15 & 15 & -1 \end{bmatrix}$$

$$2530, 696, \begin{bmatrix} 1 & 3 & 5 & 9 \\ 1 & 1 & 1 & -1 \\ 1 & -2 & 1 & 0 \\ 10 & 1 & -8 & 3 \end{bmatrix}$$

2531, 370, [370]

$$2532, 13290, \begin{bmatrix} 1 & 1 & 2 & 47 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 47 & 47 & 94 & -6 \end{bmatrix}$$

$$2533, 182, \begin{bmatrix} 7 & 35 \\ 5 & -1 \end{bmatrix}$$

$$2534, 30277, \begin{bmatrix} 1 & 4 & 42 \\ 4 & -1 & 0 \\ 42 & 168 & -17 \end{bmatrix}$$

$$2535, 510, \begin{bmatrix} 2 & 3 & 6 & 6 \\ 0 & 0 & 1 & -1 \\ 3 & 2 & -1 & -1 \\ 6 & -8 & 1 & 1 \end{bmatrix}$$

$$2536, 8718, \begin{bmatrix} 1 & 1 & 1 & 66 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 22 & 22 & 22 & -1 \end{bmatrix}$$

$$2537, 485, \begin{bmatrix} 14 & 17 \\ 17 & -14 \end{bmatrix}$$

$$2538, 6664, \begin{bmatrix} 1 & 2 & 2 & 2 & 15 \\ 0 & 1 & 0 & -1 & 0 \\ 2 & -1 & 1 & -1 & 0 \\ 3 & 3 & 0 & 3 & -1 \\ 7 & -3 & -20 & -3 & 3 \end{bmatrix}$$

2539, 371, [371]

$$2540, 17496, \begin{bmatrix} 1 & 1 & 3 & 31 \\ 2 & 1 & -1 & 0 \\ 5 & -1 & 9 & -1 \\ 7 & -20 & -6 & 1 \end{bmatrix}$$

$$2541, 70, \begin{bmatrix} 2 & 4 & 5 & 5 \\ 0 & 0 & 1 & -1 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & -1 \end{bmatrix}$$

$$2542, 582, \begin{bmatrix} 1 & 11 & 13 \\ 8 & -9 & 7 \\ 2 & 1 & -1 \end{bmatrix}$$

2543, 372, [372]

$$2544, 1056, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 16 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 2 & 2 & 2 & 2 & 4 & -1 \end{bmatrix}$$

$$2545, 9418, \begin{bmatrix} 3 & 97 \\ 97 & -3 \end{bmatrix}$$

$$2546, 2982, \begin{bmatrix} 1 & 8 & 19 \\ 3 & 2 & -1 \\ 23 & -29 & 11 \end{bmatrix}$$

$$2547, 7458, \begin{bmatrix} 2 & 2 & 61 \\ 1 & -1 & 0 \\ 61 & 61 & -4 \end{bmatrix}$$

$$2548, 140, \begin{bmatrix} 1 & 1 & 4 & 4 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & -1 & -1 & 1 \\ 2 & 2 & 1 & 1 & -2 \end{bmatrix}$$

$$2549, 373, [373]$$

$$2550, 864, \begin{bmatrix} 1 & 2 & 3 & 3 & 7 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 0 & 1 & 1 & -1 \\ 3 & -2 & -3 & 1 & 1 \\ 1 & -4 & 3 & -3 & 1 \end{bmatrix}$$

$$2551, 374, [374]$$

$$2552, 3840, \begin{bmatrix} 1 & 1 & 1 & 5 & 10 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 2 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 25 & 25 & 25 & -3 & -6 \end{bmatrix}$$

$$2553, 3206, \begin{bmatrix} 2 & 9 & 12 \\ 3 & -2 & 1 \\ 33 & 34 & -31 \end{bmatrix}$$

$$2554, 42437, \begin{bmatrix} 1 & 206 \\ 206 & -1 \end{bmatrix}$$

$$2555, 8854, \begin{bmatrix} 3 & 4 & 21 \\ 3 & 3 & -1 \\ 67 & -66 & 3 \end{bmatrix}$$

$$2556, 820, \begin{bmatrix} 1 & 1 & 2 & 2 & 20 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 2 & 2 & 4 & 4 & -1 \end{bmatrix}$$

2557, 375, [375]

$$2558, 42850, \begin{bmatrix} 1 & 207 \\ 207 & -1 \end{bmatrix}$$

$$2559, 21613, \begin{bmatrix} 2 & 147 \\ 147 & -2 \end{bmatrix}$$

$$2560, 3456, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 3 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & -1 & 0 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & -1 & 0 & 0 & 1 & 1 & -1 \\ 0 & 0 & 1 & 1 & 2 & 1 & 1 & 0 & 0 & -2 \\ 1 & 1 & -2 & -2 & 4 & -2 & -2 & 1 & 1 & 0 \end{bmatrix}$$

$$2561, 687, \begin{bmatrix} 6 & 45 \\ 15 & -2 \end{bmatrix}$$

$$2562, 4830, \begin{bmatrix} 1 & 2 & 4 & 18 \\ 2 & 1 & -1 & 0 \\ 2 & -3 & 1 & 0 \\ 6 & 12 & 24 & -7 \end{bmatrix}$$

$$2563, 2626, \begin{bmatrix} 5 & 51 \\ 51 & -5 \end{bmatrix}$$

$$2564, 13458, \begin{bmatrix} 1 & 1 & 116 \\ 1 & -1 & 0 \\ 58 & 58 & -1 \end{bmatrix}$$

$$2565, 2890, \begin{bmatrix} 2 & 2 & 2 & 3 & 8 \\ 1 & 0 & -1 & 0 & 0 \\ 2 & 1 & 2 & 2 & -2 \\ 1 & 4 & 1 & -4 & 0 \\ 4 & -6 & 4 & -4 & 1 \end{bmatrix}$$

$$2566, 43265, \begin{bmatrix} 1 & 208 \\ 208 & -1 \end{bmatrix}$$

$$2567, 1345, \begin{bmatrix} 7 & 36 \\ 36 & -7 \end{bmatrix}$$

$$2568, 4746, \begin{bmatrix} 1 & 1 & 1 & 2 & 28 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 4 & 4 & 4 & 8 & -1 \end{bmatrix}$$

$$2569, 5345, \begin{bmatrix} 4 & 73 \\ 73 & -4 \end{bmatrix}$$

$$2570, 6070, \begin{bmatrix} 1 & 3 & 55 \\ 3 & -1 & 0 \\ 11 & 33 & -2 \end{bmatrix}$$

$$2571, 10954, \begin{bmatrix} 2 & 148 \\ 74 & -1 \end{bmatrix}$$

$$2572, 27382, \begin{bmatrix} 1 & 1 & 117 \\ 1 & -1 & 0 \\ 117 & 117 & -2 \end{bmatrix}$$

$$2573, 650, \begin{bmatrix} 11 & 23 \\ 23 & -11 \end{bmatrix}$$

$$2574, 840, \begin{bmatrix} 1 & 2 & 2 & 5 & 6 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & 0 & 0 & 1 & -1 \\ 1 & 1 & 1 & -1 & 0 \\ 13 & -9 & -9 & -5 & 8 \end{bmatrix}$$

$$2575, 498, \begin{bmatrix} 3 & 3 & 27 \\ 1 & -1 & 0 \\ 9 & 9 & -2 \end{bmatrix}$$

$$2576, 4040, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 9 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & 0 \\ 9 & 9 & 9 & 9 & 36 & -20 \end{bmatrix}$$

$$2577, 22205, \begin{bmatrix} 2 & 149 \\ 149 & -2 \end{bmatrix}$$

$$2578, 43682, \begin{bmatrix} 1 & 209 \\ 209 & -1 \end{bmatrix}$$

2579, 376, [376]

$$2580, 6330, \begin{bmatrix} 1 & 1 & 2 & 3 & 14 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 14 & 14 & 28 & 42 & -15 \end{bmatrix}$$

$$2581, 338, \begin{bmatrix} 10 & 24 \\ 12 & -5 \end{bmatrix}$$

$$2582, 44101, \begin{bmatrix} 1 & 210 \\ 210 & -1 \end{bmatrix}$$

$$2583, 1158, \begin{bmatrix} 2 & 2 & 4 & 13 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 13 & 13 & 26 & -12 \end{bmatrix}$$

$$2584, 3480, \begin{bmatrix} 1 & 1 & 1 & 7 & 8 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 1 & -1 \\ 3 & 1 & 3 & -1 & 0 \\ 6 & -23 & 6 & 13 & -10 \end{bmatrix}$$

$$2585, 2590, \begin{bmatrix} 3 & 5 & 15 \\ 5 & 6 & -3 \\ 15 & -12 & 1 \end{bmatrix}$$

$$2586, 34470, \begin{bmatrix} 1 & 2 & 83 \\ 2 & -1 & 0 \\ 83 & 166 & -5 \end{bmatrix}$$

$$2587, 1076, \begin{bmatrix} 6 & 46 \\ 23 & -3 \end{bmatrix}$$

$$2588, 13926, \begin{bmatrix} 1 & 1 & 118 \\ 1 & -1 & 0 \\ 59 & 59 & -1 \end{bmatrix}$$

$$2589, 11252, \begin{bmatrix} 2 & 150 \\ 75 & -1 \end{bmatrix}$$

$$2590, 1700, \begin{bmatrix} 1 & 3 & 4 & 12 \\ 3 & -1 & 0 & 0 \\ 0 & 0 & 3 & -1 \\ 4 & 12 & -1 & -3 \end{bmatrix}$$

2591, 377, [377]

$$2592, 2688, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 2 & 2 & 2 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 & -1 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 & -1 & 1 \\ 1 & 1 & 4 & 1 & 1 & -1 & -1 & -1 & -1 \\ 3 & 3 & -4 & 3 & 3 & -1 & -1 & -1 & -1 \end{bmatrix}$$

2593, 378, [378]

$$2594, 44522, \begin{bmatrix} 1 & 211 \\ 211 & -1 \end{bmatrix}$$

$$2595, 20969, \begin{bmatrix} 2 & 3 & 40 \\ 3 & -2 & 0 \\ 80 & 120 & -13 \end{bmatrix}$$

$$2596, 1896, \begin{bmatrix} 1 & 1 & 5 & 17 \\ 1 & -1 & 0 & 0 \\ 14 & 14 & -9 & 1 \\ 1 & 1 & 3 & -1 \end{bmatrix}$$

$$2597, 72, \begin{bmatrix} 4 & 4 & 16 \\ 1 & -1 & 0 \\ 2 & 2 & -1 \end{bmatrix}$$

$$2598, 35305, \begin{bmatrix} 1 & 2 & 84 \\ 2 & -1 & 0 \\ 84 & 168 & -5 \end{bmatrix}$$

$$2599, 327, \begin{bmatrix} 9 & 30 \\ 10 & -3 \end{bmatrix}$$

$$2600, 684, \begin{bmatrix} 1 & 1 & 1 & 3 & 3 & 6 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 0 & 1 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 6 & 6 & 6 & -1 & -1 & -2 \end{bmatrix}$$

$$2601, 212, \begin{bmatrix} 2 & 2 & 7 & 7 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 7 & 7 & -2 & -2 \end{bmatrix}$$

$$2602, 44945, \begin{bmatrix} 1 & 212 \\ 212 & -1 \end{bmatrix}$$

$$2603, 1153, \begin{bmatrix} 8 & 33 \\ 33 & -8 \end{bmatrix}$$

$$2604, 858, \begin{bmatrix} 1 & 1 & 2 & 4 & 11 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & 4 & -2 \\ 2 & 2 & 4 & -3 & 0 \end{bmatrix}$$

$$2605, 9613, \begin{bmatrix} 3 & 98 \\ 98 & -3 \end{bmatrix}$$

$$2606, 45370, \begin{bmatrix} 1 & 213 \\ 213 & -1 \end{bmatrix}$$

$$2607, 3078, \begin{bmatrix} 2 & 5 & 22 \\ 1 & 4 & -1 \\ 31 & -8 & -1 \end{bmatrix}$$

$$2608, 5792, \begin{bmatrix} 1 & 1 & 1 & 1 & 38 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 19 & 19 & 19 & 19 & -2 \end{bmatrix}$$

2609, 379, [379]

$$2610, 3186, \begin{bmatrix} 1 & 2 & 2 & 3 & 10 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 0 & -2 & 1 & 0 \\ 2 & -2 & 1 & 0 & 0 \\ 5 & 10 & 10 & 15 & -9 \end{bmatrix}$$

$$2611, 2746, \begin{bmatrix} 4 & 74 \\ 37 & -2 \end{bmatrix}$$

$$2612, 28326, \begin{bmatrix} 1 & 1 & 119 \\ 1 & -1 & 0 \\ 119 & 119 & -2 \end{bmatrix}$$

$$2613, 4010, \begin{bmatrix} 2 & 6 & 19 \\ 3 & -1 & 0 \\ 19 & 57 & -20 \end{bmatrix}$$

$$2614, 45797, \begin{bmatrix} 1 & 214 \\ 214 & -1 \end{bmatrix}$$

$$2615, 3270, \begin{bmatrix} 3 & 99 \\ 33 & -1 \end{bmatrix}$$

$$2616, 35616, \begin{bmatrix} 1 & 1 & 1 & 2 & 29 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 29 & 29 & 29 & 58 & -7 \end{bmatrix}$$

2617, 380, [380]

$$2618, 546, \begin{bmatrix} 1 & 4 & 5 & 7 \\ 1 & 1 & -1 & 0 \\ 3 & -2 & 1 & 0 \\ 1 & 4 & 5 & -6 \end{bmatrix}$$

$$2619, 3822, \begin{bmatrix} 2 & 2 & 2 & 25 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 25 & 25 & 25 & -6 \end{bmatrix}$$

$$2620, 18630, \begin{bmatrix} 1 & 1 & 3 & 32 \\ 1 & -1 & 0 & 0 \\ 7 & 7 & 6 & -1 \\ 13 & 13 & -30 & 2 \end{bmatrix}$$

2621, 381, [381]

$$2622, 750, \begin{bmatrix} 1 & 2 & 8 & 9 \\ 2 & -1 & 0 & 0 \\ 2 & 4 & 1 & -2 \\ 1 & 2 & -4 & 3 \end{bmatrix}$$

$$2623, 260, \begin{bmatrix} 14 & 18 \\ 9 & -7 \end{bmatrix}$$

$$2624, 8400, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 13 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 13 & 13 & 13 & 13 & 13 & 13 & -6 \end{bmatrix}$$

$$2625, 1410, \begin{bmatrix} 2 & 3 & 3 & 3 & 4 \\ 0 & 1 & 0 & -1 & 0 \\ 2 & 0 & 0 & 0 & -1 \\ 0 & 1 & -2 & 1 & 0 \\ 9 & -10 & -10 & -10 & 18 \end{bmatrix}$$

$$2626, 13547, \begin{bmatrix} 1 & 6 & 26 \\ 18 & -16 & 3 \\ 14 & 15 & -4 \end{bmatrix}$$

$$2627, 136, \begin{bmatrix} 12 & 20 \\ 5 & -3 \end{bmatrix}$$

$$2628, 9020, \begin{bmatrix} 1 & 1 & 2 & 2 & 21 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 21 & 21 & 42 & 42 & -10 \end{bmatrix}$$

$$2629, 2729, \begin{bmatrix} 5 & 52 \\ 52 & -5 \end{bmatrix}$$

$$2630, 15730, \begin{bmatrix} 1 & 3 & 56 \\ 3 & -1 & 0 \\ 28 & 84 & -5 \end{bmatrix}$$

$$2631, 22805, \begin{bmatrix} 2 & 151 \\ 151 & -2 \end{bmatrix}$$

$$2632, 19032, \begin{bmatrix} 1 & 1 & 1 & 4 & 15 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & -12 & 3 \\ 16 & 16 & 16 & 3 & -4 \end{bmatrix}$$

$$2633, 382, [382]$$

$$2634, 7230, \begin{bmatrix} 1 & 2 & 85 \\ 2 & -1 & 0 \\ 17 & 34 & -1 \end{bmatrix}$$

$$2635, 1074, \begin{bmatrix} 3 & 7 & 11 \\ 1 & -2 & 1 \\ 29 & 8 & -13 \end{bmatrix}$$

$$2636, 14402, \begin{bmatrix} 1 & 1 & 120 \\ 1 & -1 & 0 \\ 60 & 60 & -1 \end{bmatrix}$$

$$2637, 3852, \begin{bmatrix} 2 & 2 & 62 \\ 1 & -1 & 0 \\ 31 & 31 & -2 \end{bmatrix}$$

$$2638, 46226, \begin{bmatrix} 1 & 215 \\ 215 & -1 \end{bmatrix}$$

$$2639, 228, \begin{bmatrix} 4 & 6 & 10 \\ 1 & 1 & -1 \\ 8 & -7 & 1 \end{bmatrix}$$

$$2640, 2268, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 3 & 5 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 1 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & -1 & 1 & 0 & 1 & -1 \\ 1 & -1 & 2 & 1 & 1 & 0 & -1 \\ 5 & -2 & -2 & 5 & -4 & -6 & 4 \end{bmatrix}$$

$$2641, 610, \begin{bmatrix} 8 & 34 \\ 17 & -4 \end{bmatrix}$$

$$2642, 46657, \begin{bmatrix} 1 & 216 \\ 216 & -1 \end{bmatrix}$$

$$2643, 11554, \begin{bmatrix} 2 & 152 \\ 76 & -1 \end{bmatrix}$$

$$2644, 29286, \begin{bmatrix} 1 & 1 & 121 \\ 1 & -1 & 0 \\ 121 & 121 & -2 \end{bmatrix}$$

$$2645, 114, \begin{bmatrix} 3 & 9 & 9 \\ 0 & 1 & -1 \\ 6 & -1 & -1 \end{bmatrix}$$

$$2646, 540, \begin{bmatrix} 1 & 2 & 2 & 2 & 4 & 4 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 0 & 1 & -2 & 1 & 0 & 0 \\ 2 & 1 & 1 & 1 & -1 & -1 \\ 4 & -2 & -2 & -2 & 1 & 1 \end{bmatrix}$$

2647, 383, [383]

$$2648, 26952, \begin{bmatrix} 1 & 1 & 1 & 67 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 67 & 67 & 67 & -3 \end{bmatrix}$$

$$2649, 23413, \begin{bmatrix} 2 & 153 \\ 153 & -2 \end{bmatrix}$$

$$2650, 2750, \begin{bmatrix} 1 & 3 & 3 & 16 \\ 0 & 1 & -1 & 0 \\ 4 & 2 & 2 & -1 \\ 14 & -13 & -13 & 4 \end{bmatrix}$$

$$2651, 2834, \begin{bmatrix} 5 & 53 \\ 53 & -5 \end{bmatrix}$$

$$2652, 546, \begin{bmatrix} 1 & 1 & 2 & 6 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -1 & 0 \\ 1 & 1 & 2 & 6 & -6 \end{bmatrix}$$

$$2653, 5641, \begin{bmatrix} 4 & 75 \\ 75 & -4 \end{bmatrix}$$

$$2654, 47090, \begin{bmatrix} 1 & 217 \\ 217 & -1 \end{bmatrix}$$

$$2655, 612, \begin{bmatrix} 2 & 2 & 3 & 17 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 3 & -1 \\ 3 & 3 & -4 & 0 \end{bmatrix}$$

$$2656, 21360, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 23 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 23 & 23 & 23 & 23 & 23 & -5 \end{bmatrix}$$

$$2657, 384, [384]$$

$$2658, 37005, \begin{bmatrix} 1 & 2 & 86 \\ 2 & -1 & 0 \\ 86 & 172 & -5 \end{bmatrix}$$

$$2659, 385, [385]$$

$$2660, 1274, \begin{bmatrix} 1 & 1 & 3 & 4 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -2 & 1 & 0 \\ 1 & 1 & 2 & 2 & -2 \\ 5 & 5 & 2 & -6 & 1 \end{bmatrix}$$

$$2661, 11860, \begin{bmatrix} 2 & 154 \\ 77 & -1 \end{bmatrix}$$

$$2662, 456, \begin{bmatrix} 1 & 5 & 5 & 5 \\ 0 & 1 & 0 & -1 \\ 0 & 1 & -2 & 1 \\ 15 & -1 & -1 & -1 \end{bmatrix}$$

$$2663, 386, [386]$$

$$2664, 9300, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 12 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 2 & 0 & 2 & -1 & -1 & 0 \\ 1 & 2 & 1 & 2 & 2 & -1 \\ 5 & -26 & 5 & 10 & 10 & -2 \end{bmatrix}$$

$$2665, 1070, \begin{bmatrix} 3 & 6 & 13 \\ 2 & -1 & 0 \\ 13 & 26 & -15 \end{bmatrix}$$

$$2666, 2226, \begin{bmatrix} 1 & 11 & 14 \\ 19 & -3 & 1 \\ 1 & 5 & -4 \end{bmatrix}$$

$$2667, 4905, \begin{bmatrix} 2 & 4 & 31 \\ 2 & -1 & 0 \\ 31 & 62 & -10 \end{bmatrix}$$

$$2668, 1830, \begin{bmatrix} 1 & 1 & 9 & 10 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 \\ 19 & 19 & -12 & 7 \end{bmatrix}$$

$$2669, 1418, \begin{bmatrix} 7 & 37 \\ 37 & -7 \end{bmatrix}$$

$$2670, 12390, \begin{bmatrix} 1 & 2 & 3 & 24 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 12 & 24 & 36 & -7 \end{bmatrix}$$

2671, 387, [387]

$$2672, 12200, \begin{bmatrix} 1 & 1 & 1 & 1 & 39 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 39 & 39 & 39 & 39 & -4 \end{bmatrix}$$

$$2673, 360, \begin{bmatrix} 2 & 2 & 2 & 2 & 2 & 5 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & 1 & -2 \\ 1 & 1 & -4 & 1 & 1 & 0 \end{bmatrix}$$

$$2674, 31722, \begin{bmatrix} 1 & 4 & 43 \\ 4 & -1 & 0 \\ 43 & 172 & -17 \end{bmatrix}$$

$$2675, 802, \begin{bmatrix} 3 & 3 & 28 \\ 1 & -1 & 0 \\ 14 & 14 & -3 \end{bmatrix}$$

$$2676, 2310, \begin{bmatrix} 1 & 1 & 2 & 48 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 8 & 8 & 16 & -1 \end{bmatrix}$$

$$2677, 388, [388]$$

$$2678, 9958, \begin{bmatrix} 1 & 6 & 27 \\ 3 & 4 & -1 \\ 57 & -41 & 7 \end{bmatrix}$$

$$2679, 4981, \begin{bmatrix} 2 & 8 & 15 \\ 4 & -1 & 0 \\ 15 & 60 & -34 \end{bmatrix}$$

$$2680, 8952, \begin{bmatrix} 1 & 1 & 1 & 3 & 19 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 19 & 19 & 19 & 57 & -12 \end{bmatrix}$$

$$2681, 1448, \begin{bmatrix} 4 & 76 \\ 19 & -1 \end{bmatrix}$$

$$2682, 22212, \begin{bmatrix} 1 & 2 & 2 & 35 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 35 & 70 & 70 & -9 \end{bmatrix}$$

2683, 389, [389]

$$2684, 2106, \begin{bmatrix} 1 & 1 & 5 & 18 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & -2 & 0 \\ 2 & 2 & 10 & -3 \end{bmatrix}$$

$$2685, 22022, \begin{bmatrix} 2 & 3 & 41 \\ 3 & -2 & 0 \\ 82 & 123 & -13 \end{bmatrix}$$

$$2686, 5874, \begin{bmatrix} 1 & 7 & 22 \\ 1 & 3 & -1 \\ 73 & -23 & 4 \end{bmatrix}$$

2687, 390, [390]

$$2688, 5832, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 4 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & 0 & -2 & 0 & 1 & 0 & 0 & 0 \\ 1 & 0 & -1 & 0 & -1 & 0 & 1 & 2 & -1 \\ 0 & 2 & 1 & 2 & 1 & 2 & 0 & 0 & -2 \\ 1 & -2 & 4 & -2 & 4 & -2 & 1 & 2 & -2 \end{bmatrix}$$

2689, 391, [391]

$$2690, 32590, \begin{bmatrix} 1 & 3 & 57 \\ 3 & -1 & 0 \\ 57 & 171 & -10 \end{bmatrix}$$

$$2691, 1250, \begin{bmatrix} 2 & 2 & 6 & 9 \\ 1 & -1 & 0 & 0 \\ 6 & 6 & -7 & 2 \\ 3 & 3 & 4 & -4 \end{bmatrix}$$

$$2692, 14886, \begin{bmatrix} 1 & 1 & 122 \\ 1 & -1 & 0 \\ 61 & 61 & -1 \end{bmatrix}$$

2693, 392, [392]

$$2694, 37870, \begin{bmatrix} 1 & 2 & 87 \\ 2 & -1 & 0 \\ 87 & 174 & -5 \end{bmatrix}$$

$$2695, 264, \begin{bmatrix} 3 & 4 & 4 & 5 \\ 0 & 1 & -1 & 0 \\ 9 & 1 & 1 & -7 \\ 1 & -1 & -1 & 1 \end{bmatrix}$$

$$2696, 27762, \begin{bmatrix} 1 & 1 & 1 & 68 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 68 & 68 & 68 & -3 \end{bmatrix}$$

$$2697, 675, \begin{bmatrix} 2 & 10 & 11 \\ 14 & -5 & 2 \\ 1 & 2 & -2 \end{bmatrix}$$

$$2698, 3255, \begin{bmatrix} 1 & 8 & 20 \\ 4 & 2 & -1 \\ 16 & -27 & 10 \end{bmatrix}$$

2699, 393, [393]

$$2700, 768, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 3 & 3 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 2 & 0 & -1 & -1 \\ 1 & 1 & -6 & 2 & -6 & 3 & 3 \end{bmatrix}$$

$$2701, 195, \begin{bmatrix} 12 & 21 \\ 7 & -4 \end{bmatrix}$$

$$2702, 21483, \begin{bmatrix} 1 & 4 & 44 \\ 20 & 17 & -2 \\ 12 & -14 & 1 \end{bmatrix}$$

$$2703, 618, \begin{bmatrix} 2 & 7 & 16 \\ 13 & -6 & 1 \\ 1 & 2 & -1 \end{bmatrix}$$

$$2704, 304, \begin{bmatrix} 1 & 1 & 1 & 1 & 6 & 6 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 3 & 3 & 3 & 3 & -1 & -1 \end{bmatrix}$$

$$2705, 10009, \begin{bmatrix} 3 & 100 \\ 100 & -3 \end{bmatrix}$$

$$2706, 5970, \begin{bmatrix} 1 & 2 & 5 & 13 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 13 & 26 & 65 & -30 \end{bmatrix}$$

$$2707, 394, [394]$$

$$2708, 30262, \begin{bmatrix} 1 & 1 & 123 \\ 1 & -1 & 0 \\ 123 & 123 & -2 \end{bmatrix}$$

$$2709, 660, \begin{bmatrix} 2 & 2 & 4 & 14 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 7 & 7 & 14 & -6 \end{bmatrix}$$

$$2710, 16870, \begin{bmatrix} 1 & 3 & 58 \\ 3 & -1 & 0 \\ 29 & 87 & -5 \end{bmatrix}$$

2711, 395, [395]

$$2712, 38094, \begin{bmatrix} 1 & 1 & 1 & 2 & 30 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 30 & 30 & 30 & 60 & -7 \end{bmatrix}$$

2713, 396, [396]

$$2714, 2226, \begin{bmatrix} 1 & 9 & 17 \\ 1 & -2 & 1 \\ 43 & 16 & -11 \end{bmatrix}$$

$$2715, 23101, \begin{bmatrix} 2 & 3 & 42 \\ 3 & -2 & 0 \\ 84 & 126 & -13 \end{bmatrix}$$

$$2716, 11574, \begin{bmatrix} 1 & 1 & 4 & 25 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 25 & 25 & 100 & -18 \end{bmatrix}$$

$$2717, 625, \begin{bmatrix} 5 & 6 & 8 \\ 0 & 4 & -3 \\ 10 & -3 & -4 \end{bmatrix}$$

$$2718, 2610, \begin{bmatrix} 1 & 2 & 2 & 36 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 4 & 8 & 8 & -1 \end{bmatrix}$$

2719, 397, [397]

$$2720, 3024, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 3 & 7 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 2 & 1 & 1 & -2 & 0 \\ 1 & 1 & 1 & 1 & 1 & 3 & -2 \\ 2 & 2 & -5 & 2 & 2 & -1 & 0 \end{bmatrix}$$

$$2721, 24029, \begin{bmatrix} 2 & 155 \\ 155 & -2 \end{bmatrix}$$

$$2722, 47525, \begin{bmatrix} 1 & 218 \\ 218 & -1 \end{bmatrix}$$

$$2723, 5945, \begin{bmatrix} 4 & 77 \\ 77 & -4 \end{bmatrix}$$

$$2724, 14442, \begin{bmatrix} 1 & 1 & 2 & 49 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 49 & 49 & 98 & -6 \end{bmatrix}$$

$$2725, 1718, \begin{bmatrix} 3 & 3 & 29 \\ 1 & -1 & 0 \\ 29 & 29 & -6 \end{bmatrix}$$

$$2726, 4238, \begin{bmatrix} 1 & 10 & 15 \\ 0 & 3 & -2 \\ 65 & -2 & -3 \end{bmatrix}$$

$$2727, 2064, \begin{bmatrix} 2 & 2 & 2 & 26 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 13 & 13 & 13 & -3 \end{bmatrix}$$

$$2728, 9536, \begin{bmatrix} 1 & 1 & 1 & 5 & 11 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 1 & 2 & -1 \\ 1 & -3 & 1 & -2 & 1 \\ 27 & 27 & 27 & -14 & -1 \end{bmatrix}$$

2729, 398, [398]

$$2730, 792, \begin{bmatrix} 1 & 2 & 3 & 4 & 6 \\ 0 & 1 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 \\ 2 & 1 & 0 & -1 & 0 \\ 3 & -5 & 9 & 1 & -4 \end{bmatrix}$$

2731, 399, [399]

$$2732, 15378, \begin{bmatrix} 1 & 1 & 124 \\ 1 & -1 & 0 \\ 62 & 62 & -1 \end{bmatrix}$$

$$2733, 12170, \begin{bmatrix} 2 & 156 \\ 78 & -1 \end{bmatrix}$$

$$2734, 47962, \begin{bmatrix} 1 & 219 \\ 219 & -1 \end{bmatrix}$$

$$2735, 10210, \begin{bmatrix} 3 & 101 \\ 101 & -3 \end{bmatrix}$$

$$2736, 912, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 8 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 0 \\ 2 & 2 & 2 & 2 & 4 & 4 & -3 \end{bmatrix}$$

$$2737, 1314, \begin{bmatrix} 4 & 7 & 9 \\ 4 & -1 & -1 \\ 1 & 20 & -16 \end{bmatrix}$$

$$2738, 578, \begin{bmatrix} 1 & 12 & 12 \\ 0 & 1 & -1 \\ 24 & -1 & -1 \end{bmatrix}$$

$$2739, 5022, \begin{bmatrix} 2 & 5 & 23 \\ 1 & -5 & 1 \\ 40 & 7 & -5 \end{bmatrix}$$

$$2740, 2200, \begin{bmatrix} 1 & 1 & 3 & 33 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 3 & 3 & 9 & -1 \end{bmatrix}$$

$$2741, 400, [400]$$

$$2742, 38745, \begin{bmatrix} 1 & 2 & 88 \\ 2 & -1 & 0 \\ 88 & 176 & -5 \end{bmatrix}$$

$$2743, 2245, \begin{bmatrix} 6 & 47 \\ 47 & -6 \end{bmatrix}$$

$$2744, 612, \begin{bmatrix} 1 & 1 & 1 & 4 & 4 & 4 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -2 & 1 \\ 4 & 4 & 4 & -1 & -1 & -1 \end{bmatrix}$$

$$2745, 4774, \begin{bmatrix} 2 & 2 & 3 & 18 \\ 1 & -1 & 0 & 0 \\ 6 & 6 & -2 & -1 \\ 3 & 3 & 20 & -4 \end{bmatrix}$$

$$2746, 48401, \begin{bmatrix} 1 & 220 \\ 220 & -1 \end{bmatrix}$$

$$2747, 530, \begin{bmatrix} 13 & 19 \\ 19 & -13 \end{bmatrix}$$

$$2748, 7518, \begin{bmatrix} 1 & 1 & 2 & 50 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 25 & 25 & 50 & -3 \end{bmatrix}$$

$$2749, 401, [401]$$

$$2750, 2120, \begin{bmatrix} 1 & 3 & 3 & 3 & 5 \\ 0 & 1 & 0 & -1 & 0 \\ 1 & -1 & 0 & -1 & 1 \\ 1 & 1 & -4 & 1 & 1 \\ 19 & 4 & 4 & 4 & -11 \end{bmatrix}$$

$$2751, 2610, \begin{bmatrix} 2 & 4 & 32 \\ 2 & -1 & 0 \\ 16 & 32 & -5 \end{bmatrix}$$

$$2752, 4848, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 14 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 7 & 7 & 7 & 7 & 7 & 7 & -3 \end{bmatrix}$$

$$2753, 402, [402]$$

$$2754, 528, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 7 \\ 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & -1 & -1 & 1 & 0 \\ 6 & 1 & 1 & 1 & 1 & -2 \\ 1 & -1 & -1 & -1 & -1 & 1 \end{bmatrix}$$

$$2755, 1557, \begin{bmatrix} 3 & 8 & 10 \\ 2 & -2 & 1 \\ 28 & 17 & -22 \end{bmatrix}$$

$$2756, 1176, \begin{bmatrix} 1 & 1 & 6 & 16 \\ 1 & -1 & 0 & 0 \\ 9 & 9 & 5 & -3 \\ 1 & 1 & -3 & 1 \end{bmatrix}$$

$$2757, 24653, \begin{bmatrix} 2 & 157 \\ 157 & -2 \end{bmatrix}$$

$$2758, 34714, \begin{bmatrix} 1 & 4 & 45 \\ 4 & -1 & 0 \\ 45 & 180 & -17 \end{bmatrix}$$

$$2759, 697, \begin{bmatrix} 11 & 24 \\ 24 & -11 \end{bmatrix}$$

$$2760, 12416, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 9 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 & 0 \\ 1 & -1 & 1 & -2 & 1 & 0 \\ 1 & -3 & 1 & 2 & -1 & 0 \\ 9 & 9 & 9 & 18 & 27 & -16 \end{bmatrix}$$

$$2761, 2941, \begin{bmatrix} 5 & 54 \\ 54 & -5 \end{bmatrix}$$

$$2762, 48842, \begin{bmatrix} 1 & 221 \\ 221 & -1 \end{bmatrix}$$

$$2763, 7954, \begin{bmatrix} 2 & 2 & 63 \\ 1 & -1 & 0 \\ 63 & 63 & -4 \end{bmatrix}$$

$$2764, 31254, \begin{bmatrix} 1 & 1 & 125 \\ 1 & -1 & 0 \\ 125 & 125 & -2 \end{bmatrix}$$

$$2765, 10689, \begin{bmatrix} 3 & 4 & 22 \\ 2 & 4 & -1 \\ 92 & -47 & -4 \end{bmatrix}$$

$$2766, 39630, \begin{bmatrix} 1 & 2 & 89 \\ 2 & -1 & 0 \\ 89 & 178 & -5 \end{bmatrix}$$

$$2767, 403, [403]$$

$$2768, 3208, \begin{bmatrix} 1 & 1 & 1 & 1 & 40 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 10 & 10 & 10 & 10 & -1 \end{bmatrix}$$

$$2769, 220, \begin{bmatrix} 2 & 6 & 20 \\ 3 & -1 & 0 \\ 1 & 3 & -1 \end{bmatrix}$$

$$2770, 34910, \begin{bmatrix} 1 & 3 & 59 \\ 3 & -1 & 0 \\ 59 & 177 & -10 \end{bmatrix}$$

$$2771, 1493, \begin{bmatrix} 7 & 38 \\ 38 & -7 \end{bmatrix}$$

$$2772, 1224, \begin{bmatrix} 1 & 1 & 2 & 2 & 4 & 5 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & 1 & -1 & 0 \\ 1 & 1 & -1 & -1 & -2 & 2 \\ 9 & 9 & 1 & 1 & 2 & -6 \end{bmatrix}$$

$$2773, 514, \begin{bmatrix} 15 & 17 \\ 17 & -15 \end{bmatrix}$$

$$2774, 1518, \begin{bmatrix} 1 & 8 & 21 \\ 11 & -4 & 1 \\ 2 & 5 & -2 \end{bmatrix}$$

$$2775, 1494, \begin{bmatrix} 2 & 3 & 3 & 12 \\ 0 & 1 & -1 & 0 \\ 0 & 2 & 2 & -1 \\ 27 & -1 & -1 & -4 \end{bmatrix}$$

$$2776, 9528, \begin{bmatrix} 1 & 1 & 1 & 69 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 23 & 23 & 23 & -1 \end{bmatrix}$$

2777, 404, [404]

$$2778, 8105, \begin{bmatrix} 1 & 2 & 90 \\ 2 & -1 & 0 \\ 18 & 36 & -1 \end{bmatrix}$$

$$2779, 3050, \begin{bmatrix} 4 & 78 \\ 39 & -2 \end{bmatrix}$$

$$2780, 25674, \begin{bmatrix} 1 & 1 & 3 & 34 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 34 & 34 & 102 & -11 \end{bmatrix}$$

$$2781, 1482, \begin{bmatrix} 2 & 2 & 2 & 27 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 9 & 9 & 9 & -2 \end{bmatrix}$$

$$2782, 24630, \begin{bmatrix} 1 & 6 & 28 \\ 2 & -5 & 1 \\ 146 & 55 & -17 \end{bmatrix}$$

$$2783, 262, \begin{bmatrix} 5 & 5 & 9 \\ 1 & -1 & 0 \\ 9 & 9 & -10 \end{bmatrix}$$

$$2784, 11772, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 10 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 \\ 10 & 10 & 10 & 10 & 10 & 20 & -9 \end{bmatrix}$$

$$2785, 3471, \begin{bmatrix} 3 & 102 \\ 34 & -1 \end{bmatrix}$$

$$2786, 23463, \begin{bmatrix} 1 & 4 & 46 \\ 10 & -14 & 1 \\ 24 & 17 & -2 \end{bmatrix}$$

$$2787, 12484, \begin{bmatrix} 2 & 158 \\ 79 & -1 \end{bmatrix}$$

$$2788, 440, \begin{bmatrix} 1 & 1 & 7 & 13 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 1 & -1 \\ 1 & 1 & -4 & 2 \end{bmatrix}$$

$$2789, 405, [405]$$

$$2790, 7506, \begin{bmatrix} 1 & 2 & 2 & 3 & 11 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 0 & -2 & 1 & 0 \\ 2 & -2 & 1 & 0 & 0 \\ 11 & 22 & 22 & 33 & -18 \end{bmatrix}$$

$$2791, 406, [406]$$

$$2792, 29418, \begin{bmatrix} 1 & 1 & 1 & 70 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 70 & 70 & 70 & -3 \end{bmatrix}$$

$$2793, 250, \begin{bmatrix} 2 & 4 & 4 & 8 \\ 2 & 0 & -1 & 0 \\ 0 & 2 & 0 & -1 \\ 2 & -1 & 4 & -2 \end{bmatrix}$$

$$2794, 21714, \begin{bmatrix} 1 & 5 & 31 \\ 19 & -10 & 1 \\ 15 & 28 & -5 \end{bmatrix}$$

$$2795, 1205, \begin{bmatrix} 3 & 6 & 14 \\ 2 & -1 & 0 \\ 14 & 28 & -15 \end{bmatrix}$$

$$2796, 5214, \begin{bmatrix} 1 & 1 & 2 & 51 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 17 & 17 & 34 & -2 \end{bmatrix}$$

2797, 407, [407]

$$2798, 49285, \begin{bmatrix} 1 & 222 \\ 222 & -1 \end{bmatrix}$$

$$2799, 2052, \begin{bmatrix} 2 & 2 & 64 \\ 1 & -1 & 0 \\ 16 & 16 & -1 \end{bmatrix}$$

$$2800, 1520, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 3 & 4 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 & 0 & -1 \\ 3 & 3 & 3 & 3 & -10 & -10 & 12 \end{bmatrix}$$

2801, 408, [408]

$$2802, 41430, \begin{bmatrix} 1 & 2 & 91 \\ 2 & -1 & 0 \\ 91 & 182 & -5 \end{bmatrix}$$

2803, 409, [409]

$$2804, 15878, \begin{bmatrix} 1 & 1 & 126 \\ 1 & -1 & 0 \\ 63 & 63 & -1 \end{bmatrix}$$

$$2805, 261, \begin{bmatrix} 2 & 3 & 5 & 7 \\ 1 & 1 & -1 & 0 \\ 1 & 0 & 1 & -1 \\ 5 & -7 & -2 & 3 \end{bmatrix}$$

$$2806, 2030, \begin{bmatrix} 1 & 9 & 18 \\ 0 & 2 & -1 \\ 45 & -1 & -2 \end{bmatrix}$$

$$2807, 6257, \begin{bmatrix} 4 & 79 \\ 79 & -4 \end{bmatrix}$$

$$2808, 2448, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 & 6 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 0 & 0 & 0 & 1 & 1 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -2 & 1 & 0 \\ 8 & 8 & 8 & -1 & -1 & -1 & -3 \end{bmatrix}$$

$$2809, 32, \begin{bmatrix} 16 & 16 \\ 1 & -1 \end{bmatrix}$$

$$2810, 3610, \begin{bmatrix} 1 & 3 & 60 \\ 3 & -1 & 0 \\ 6 & 18 & -1 \end{bmatrix}$$

$$2811, 25285, \begin{bmatrix} 2 & 159 \\ 159 & -2 \end{bmatrix}$$

$$2812, 420, \begin{bmatrix} 1 & 1 & 8 & 12 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -5 & 3 \\ 2 & 2 & 1 & -1 \end{bmatrix}$$

$$2813, 145, \begin{bmatrix} 10 & 25 \\ 5 & -2 \end{bmatrix}$$

$$2814, 16044, \begin{bmatrix} 1 & 2 & 4 & 19 \\ 2 & 1 & -1 & 0 \\ 2 & -3 & 1 & 0 \\ 19 & 38 & 76 & -21 \end{bmatrix}$$

$$2815, 10618, \begin{bmatrix} 3 & 103 \\ 103 & -3 \end{bmatrix}$$

$$2816, 4224, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 5 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -1 & -1 & -1 & -1 & 1 & 1 & 0 \\ 5 & 5 & 5 & 5 & 5 & 5 & 5 & 5 & -8 \end{bmatrix}$$

$$2817, 8466, \begin{bmatrix} 2 & 2 & 65 \\ 1 & -1 & 0 \\ 65 & 65 & -4 \end{bmatrix}$$

$$2818, 49730, \begin{bmatrix} 1 & 223 \\ 223 & -1 \end{bmatrix}$$

$$2819, 410, [410]$$

$$2820, 480, \begin{bmatrix} 1 & 1 & 2 & 3 & 15 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 1 & 1 & 2 & 3 & -1 \end{bmatrix}$$

$$2821, 2249, \begin{bmatrix} 4 & 6 & 11 \\ 3 & -2 & 0 \\ 22 & 33 & -26 \end{bmatrix}$$

$$2822, 8106, \begin{bmatrix} 1 & 7 & 23 \\ 5 & -4 & 1 \\ 33 & 38 & -13 \end{bmatrix}$$

$$2823, 12802, \begin{bmatrix} 2 & 160 \\ 80 & -1 \end{bmatrix}$$

$$2824, 30264, \begin{bmatrix} 1 & 1 & 1 & 71 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 71 & 71 & 71 & -3 \end{bmatrix}$$

$$2825, 306, \begin{bmatrix} 3 & 3 & 30 \\ 1 & -1 & 0 \\ 5 & 5 & -1 \end{bmatrix}$$

$$2826, 24804, \begin{bmatrix} 1 & 2 & 2 & 37 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 37 & 74 & 74 & -9 \end{bmatrix}$$

$$2827, 610, \begin{bmatrix} 5 & 55 \\ 11 & -1 \end{bmatrix}$$

$$2828, 6246, \begin{bmatrix} 1 & 1 & 4 & 26 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 13 & 13 & 52 & -9 \end{bmatrix}$$

$$2829, 762, \begin{bmatrix} 2 & 9 & 13 \\ 11 & -14 & 8 \\ 2 & 1 & -1 \end{bmatrix}$$

$$2830, 37310, \begin{bmatrix} 1 & 3 & 61 \\ 3 & -1 & 0 \\ 61 & 183 & -10 \end{bmatrix}$$

$$2831, 1289, \begin{bmatrix} 8 & 35 \\ 35 & -8 \end{bmatrix}$$

$$2832, 9504, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 17 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 17 & 17 & 17 & 17 & 34 & -8 \end{bmatrix}$$

$$2833, 411, [411]$$

$$2834, 18438, \begin{bmatrix} 1 & 6 & 29 \\ 5 & 4 & -1 \\ 61 & -73 & 13 \end{bmatrix}$$

$$2835, 1312, \begin{bmatrix} 2 & 2 & 2 & 2 & 3 & 4 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 & -2 \\ 3 & 3 & 3 & 3 & -16 & 6 \end{bmatrix}$$

$$2836, 32262, \begin{bmatrix} 1 & 1 & 127 \\ 1 & -1 & 0 \\ 127 & 127 & -2 \end{bmatrix}$$

$$2837, 412, [412]$$

$$2838, 3390, \begin{bmatrix} 1 & 2 & 5 & 14 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 7 & 14 & 35 & -15 \end{bmatrix}$$

$$2839, 1570, \begin{bmatrix} 7 & 39 \\ 39 & -7 \end{bmatrix}$$

$$2840, 2472, \begin{bmatrix} 1 & 1 & 1 & 3 & 20 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 5 & 5 & 5 & 15 & -3 \end{bmatrix}$$

$$2841, 25925, \begin{bmatrix} 2 & 161 \\ 161 & -2 \end{bmatrix}$$

$$2842, 266, \begin{bmatrix} 1 & 4 & 4 & 10 \\ 0 & 1 & -1 & 0 \\ 4 & -3 & -3 & 2 \\ 2 & 1 & 1 & -1 \end{bmatrix}$$

$$2843, 413, [413]$$

$$2844, 4940, \begin{bmatrix} 1 & 1 & 2 & 2 & 22 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 11 & 11 & 22 & 22 & -5 \end{bmatrix}$$

$$2845, 10825, \begin{bmatrix} 3 & 104 \\ 104 & -3 \end{bmatrix}$$

$$2846, 50177, \begin{bmatrix} 1 & 224 \\ 224 & -1 \end{bmatrix}$$

$$2847, 2405, \begin{bmatrix} 2 & 6 & 21 \\ 9 & -10 & 2 \\ 6 & 5 & -2 \end{bmatrix}$$

$$2848, 23240, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 24 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 24 & 24 & 24 & 24 & 24 & -5 \end{bmatrix}$$

$$2849, 370, \begin{bmatrix} 4 & 5 & 12 \\ 3 & 0 & -1 \\ 1 & -8 & 3 \end{bmatrix}$$

$$2850, 3480, \begin{bmatrix} 1 & 2 & 3 & 3 & 8 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & 1 & 1 & -1 \\ 2 & 2 & -1 & -1 & 0 \\ 32 & -23 & 9 & 9 & -5 \end{bmatrix}$$

$$2851, 414, [414]$$

$$2852, 408, \begin{bmatrix} 1 & 1 & 9 & 11 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & -6 & 4 \\ 1 & 1 & 1 & -1 \end{bmatrix}$$

$$2853, 4364, \begin{bmatrix} 2 & 2 & 66 \\ 1 & -1 & 0 \\ 33 & 33 & -2 \end{bmatrix}$$

$$2854, 50626, \begin{bmatrix} 1 & 225 \\ 225 & -1 \end{bmatrix}$$

$$2855, 3678, \begin{bmatrix} 3 & 105 \\ 35 & -1 \end{bmatrix}$$

$$2856, 864, \begin{bmatrix} 1 & 1 & 1 & 2 & 4 & 7 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 2 & 0 & -1 \\ 1 & 1 & 1 & -1 & -2 & 1 \\ 1 & 1 & 1 & -2 & 2 & -1 \end{bmatrix}$$

2857, 415, [415]

$$2858, 51077, \begin{bmatrix} 1 & 226 \\ 226 & -1 \end{bmatrix}$$

$$2859, 13124, \begin{bmatrix} 2 & 162 \\ 81 & -1 \end{bmatrix}$$

$$2860, 864, \begin{bmatrix} 1 & 1 & 3 & 5 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 2 & 2 & -3 & 1 & 0 \\ 1 & 1 & 3 & 5 & -6 \end{bmatrix}$$

2861, 416, [416]

$$2862, 20982, \begin{bmatrix} 1 & 2 & 2 & 2 & 16 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 6 & -1 & -1 & -1 & 0 \\ 16 & 32 & 32 & 32 & -13 \end{bmatrix}$$

$$2863, 1604, \begin{bmatrix} 4 & 80 \\ 20 & -1 \end{bmatrix}$$

$$2864, 13480, \begin{bmatrix} 1 & 1 & 1 & 1 & 41 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 41 & 41 & 41 & 41 & -4 \end{bmatrix}$$

$$2865, 16758, \begin{bmatrix} 2 & 3 & 43 \\ 11 & 7 & -1 \\ 16 & -25 & 1 \end{bmatrix}$$

$$2866, 51530, \begin{bmatrix} 1 & 227 \\ 227 & -1 \end{bmatrix}$$

$$2867, 183, \begin{bmatrix} 15 & 18 \\ 6 & -5 \end{bmatrix}$$

$$2868, 8130, \begin{bmatrix} 1 & 1 & 2 & 52 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 26 & 26 & 52 & -3 \end{bmatrix}$$

$$2869, 340, \begin{bmatrix} 8 & 36 \\ 9 & -2 \end{bmatrix}$$

$$2870, 1170, \begin{bmatrix} 1 & 3 & 4 & 13 \\ 1 & 1 & -1 & 0 \\ 7 & -5 & 2 & 0 \\ 1 & 3 & 4 & -2 \end{bmatrix}$$

$$2871, 1330, \begin{bmatrix} 2 & 2 & 5 & 10 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 25 & 25 & -4 & -8 \end{bmatrix}$$

$$2872, 10374, \begin{bmatrix} 1 & 1 & 1 & 72 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 24 & 24 & 24 & -1 \end{bmatrix}$$

$$2873, 242, \begin{bmatrix} 6 & 6 & 7 \\ 1 & -1 & 0 \\ 7 & 7 & -12 \end{bmatrix}$$

$$2874, 42345, \begin{bmatrix} 1 & 2 & 92 \\ 2 & -1 & 0 \\ 92 & 184 & -5 \end{bmatrix}$$

$$2875, 72, \begin{bmatrix} 3 & 3 & 3 & 9 \\ 1 & 0 & -1 & 0 \\ 1 & 1 & 1 & -1 \\ 1 & -2 & 1 & 0 \end{bmatrix}$$

$$2876, 16386, \begin{bmatrix} 1 & 1 & 128 \\ 1 & -1 & 0 \\ 64 & 64 & -1 \end{bmatrix}$$

$$2877, 5545, \begin{bmatrix} 2 & 4 & 33 \\ 2 & -1 & 0 \\ 33 & 66 & -10 \end{bmatrix}$$

$$2878, 51985, \begin{bmatrix} 1 & 228 \\ 228 & -1 \end{bmatrix}$$

2879, 417, [417]

$$2880, 11040, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 & 3 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & 0 & 0 & -2 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 & 0 \\ 4 & 4 & 4 & 4 & 4 & 4 & -15 & -15 & 12 \end{bmatrix}$$

$$2881, 557, \begin{bmatrix} 14 & 19 \\ 19 & -14 \end{bmatrix}$$

$$2882, 5250, \begin{bmatrix} 1 & 5 & 32 \\ 11 & -15 & 2 \\ 7 & 5 & -1 \end{bmatrix}$$

$$2883, 246, \begin{bmatrix} 2 & 11 & 11 \\ 0 & 1 & -1 \\ 11 & -1 & -1 \end{bmatrix}$$

$$2884, 1494, \begin{bmatrix} 1 & 1 & 4 & 27 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 3 & 3 & 12 & -2 \end{bmatrix}$$

$$2885, 11245, \begin{bmatrix} 3 & 106 \\ 106 & -3 \end{bmatrix}$$

$$2886, 925, \begin{bmatrix} 1 & 2 & 6 & 12 \\ 2 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 6 & 12 & -1 & -2 \end{bmatrix}$$

$$2887, 418, [418]$$

$$2888, 1572, \begin{bmatrix} 1 & 1 & 1 & 8 & 8 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 16 & 16 & 16 & -3 & -3 \end{bmatrix}$$

$$2889, 2388, \begin{bmatrix} 2 & 2 & 2 & 28 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 14 & 14 & 14 & -3 \end{bmatrix}$$

$$2890, 648, \begin{bmatrix} 1 & 3 & 7 & 7 \\ 1 & 2 & 0 & -1 \\ 3 & -1 & -1 & 1 \\ 2 & -3 & 5 & -4 \end{bmatrix}$$

$$2891, 642, \begin{bmatrix} 4 & 4 & 17 \\ 1 & -1 & 0 \\ 17 & 17 & -8 \end{bmatrix}$$

$$2892, 16890, \begin{bmatrix} 1 & 1 & 2 & 53 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 53 & 53 & 106 & -6 \end{bmatrix}$$

$$2893, 3161, \begin{bmatrix} 5 & 56 \\ 56 & -5 \end{bmatrix}$$

$$2894, 52442, \begin{bmatrix} 1 & 229 \\ 229 & -1 \end{bmatrix}$$

$$2895, 25337, \begin{bmatrix} 2 & 3 & 44 \\ 3 & -2 & 0 \\ 88 & 132 & -13 \end{bmatrix}$$

$$2896, 7072, \begin{bmatrix} 1 & 1 & 1 & 1 & 42 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 21 & 21 & 21 & 21 & -2 \end{bmatrix}$$

$$2897, 419, [419]$$

$$2898, 4452, \begin{bmatrix} 1 & 2 & 2 & 4 & 9 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & 0 & 0 & 2 & -1 \\ 1 & 3 & 3 & -1 & -1 \\ 24 & -5 & -5 & -10 & 4 \end{bmatrix}$$

$$2899, 390, \begin{bmatrix} 6 & 48 \\ 8 & -1 \end{bmatrix}$$

$$2900, 480, \begin{bmatrix} 1 & 1 & 3 & 3 & 10 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 3 & 3 & -1 & -1 & 0 \\ 1 & 1 & 3 & 3 & -2 \end{bmatrix}$$

$$2901, 26573, \begin{bmatrix} 2 & 163 \\ 163 & -2 \end{bmatrix}$$

$$2902, 52901, \begin{bmatrix} 1 & 230 \\ 230 & -1 \end{bmatrix}$$

$$2903, 420, [420]$$

$$2904, 2052, \begin{bmatrix} 1 & 1 & 1 & 2 & 5 & 5 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 2 & 2 & 2 & 2 & -1 & -1 \\ 4 & 4 & 4 & -11 & 1 & 1 \end{bmatrix}$$

$$2905, 8310, \begin{bmatrix} 3 & 4 & 23 \\ 5 & 2 & -1 \\ 25 & -59 & 7 \end{bmatrix}$$

$$2906, 53362, \begin{bmatrix} 1 & 231 \\ 231 & -1 \end{bmatrix}$$

$$2907, 2178, \begin{bmatrix} 2 & 2 & 7 & 8 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 0 & -1 \\ 7 & 7 & -36 & 28 \end{bmatrix}$$

$$2908, 33286, \begin{bmatrix} 1 & 1 & 129 \\ 1 & -1 & 0 \\ 129 & 129 & -2 \end{bmatrix}$$

$$2909, 421, [421]$$

$$2910, 13419, \begin{bmatrix} 1 & 2 & 3 & 25 \\ 1 & 1 & -1 & 0 \\ 5 & 1 & 6 & -1 \\ 20 & -31 & -11 & 3 \end{bmatrix}$$

$$2911, 569, \begin{bmatrix} 13 & 20 \\ 20 & -13 \end{bmatrix}$$

$$2912, 8208, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 4 & 6 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 2 & 0 & 0 & 1 & -1 \\ 1 & 1 & 2 & 1 & 1 & -3 & 1 \\ 11 & 11 & -8 & 11 & 11 & 6 & -10 \end{bmatrix}$$

$$2913, 13450, \begin{bmatrix} 2 & 164 \\ 82 & -1 \end{bmatrix}$$

$$2914, 6246, \begin{bmatrix} 1 & 11 & 15 \\ 4 & 1 & -1 \\ 26 & -61 & 43 \end{bmatrix}$$

$$2915, 2030, \begin{bmatrix} 3 & 5 & 16 \\ 3 & -5 & 1 \\ 17 & 9 & -6 \end{bmatrix}$$

$$2916, 1248, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 2 & 2 & 2 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & 0 & -1 \\ 0 & 0 & 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & -1 & 0 & 1 \\ 0 & 0 & 1 & -2 & 1 & 1 & -2 & 1 \\ 6 & 6 & -1 & -1 & -1 & -1 & -1 & -1 \end{bmatrix}$$

$$2917, 422, [422]$$

$$2918, 53825, \begin{bmatrix} 1 & 232 \\ 232 & -1 \end{bmatrix}$$

$$2919, 2940, \begin{bmatrix} 2 & 4 & 34 \\ 2 & -1 & 0 \\ 17 & 34 & -5 \end{bmatrix}$$

$$2920, 3624, \begin{bmatrix} 1 & 1 & 1 & 3 & 21 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 7 & 7 & 7 & 21 & -4 \end{bmatrix}$$

$$2921, 1042, \begin{bmatrix} 9 & 31 \\ 31 & -9 \end{bmatrix}$$

$$2922, 43270, \begin{bmatrix} 1 & 2 & 93 \\ 2 & -1 & 0 \\ 93 & 186 & -5 \end{bmatrix}$$

$$2923, 314, \begin{bmatrix} 12 & 22 \\ 11 & -6 \end{bmatrix}$$

$$2924, 2470, \begin{bmatrix} 1 & 1 & 7 & 14 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 35 & 35 & -2 & -4 \end{bmatrix}$$

$$2925, 372, \begin{bmatrix} 2 & 2 & 3 & 3 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 1 & 1 & -1 \\ 9 & 9 & -2 & -2 & -4 \end{bmatrix}$$

$$2926, 2120, \begin{bmatrix} 1 & 4 & 5 & 8 \\ 1 & -1 & -1 & 1 \\ 2 & -1 & 2 & -1 \\ 19 & 23 & -11 & -7 \end{bmatrix}$$

$$2927, 423, [423]$$

$$2928, 5312, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 18 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 9 & 9 & 9 & 9 & 18 & -4 \end{bmatrix}$$

$$2929, 388, \begin{bmatrix} 10 & 26 \\ 13 & -5 \end{bmatrix}$$

$$2930, 19270, \begin{bmatrix} 1 & 3 & 62 \\ 3 & -1 & 0 \\ 31 & 93 & -5 \end{bmatrix}$$

$$2931, 27229, \begin{bmatrix} 2 & 165 \\ 165 & -2 \end{bmatrix}$$

$$2932, 16902, \begin{bmatrix} 1 & 1 & 130 \\ 1 & -1 & 0 \\ 65 & 65 & -1 \end{bmatrix}$$

$$2933, 6577, \begin{bmatrix} 4 & 81 \\ 81 & -4 \end{bmatrix}$$

$$2934, 26154, \begin{bmatrix} 1 & 2 & 2 & 38 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 38 & 76 & 76 & -9 \end{bmatrix}$$

$$2935, 11458, \begin{bmatrix} 3 & 107 \\ 107 & -3 \end{bmatrix}$$

$$2936, 31992, \begin{bmatrix} 1 & 1 & 1 & 73 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 73 & 73 & 73 & -3 \end{bmatrix}$$

$$2937, 6655, \begin{bmatrix} 2 & 5 & 24 \\ 14 & -20 & 3 \\ 9 & 6 & -2 \end{bmatrix}$$

$$2938, 24362, \begin{bmatrix} 1 & 6 & 30 \\ 0 & 5 & -1 \\ 156 & -1 & -5 \end{bmatrix}$$

$$2939, 424, [424]$$

$$2940, 2820, \begin{bmatrix} 1 & 1 & 2 & 3 & 4 & 4 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 & 0 \\ 8 & 8 & 16 & 24 & -15 & -15 \end{bmatrix}$$

$$2941, 1649, \begin{bmatrix} 7 & 40 \\ 40 & -7 \end{bmatrix}$$

$$2942, 54290, \begin{bmatrix} 1 & 233 \\ 233 & -1 \end{bmatrix}$$

$$2943, 5118, \begin{bmatrix} 2 & 2 & 2 & 29 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 29 & 29 & 29 & -6 \end{bmatrix}$$

$$2944, 16896, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 9 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & 0 & -2 & 1 & 1 & 0 \\ 1 & 1 & 1 & 3 & 1 & 1 & 1 & -1 \\ 7 & 7 & 7 & -15 & 7 & 7 & 7 & -3 \end{bmatrix}$$

$$2945, 582, \begin{bmatrix} 3 & 8 & 11 \\ 19 & -14 & 5 \\ 1 & 1 & -1 \end{bmatrix}$$

$$2946, 44205, \begin{bmatrix} 1 & 2 & 94 \\ 2 & -1 & 0 \\ 94 & 188 & -5 \end{bmatrix}$$

$$2947, 3370, \begin{bmatrix} 4 & 82 \\ 41 & -2 \end{bmatrix}$$

$$2948, 6984, \begin{bmatrix} 1 & 1 & 5 & 19 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 3 & -1 \\ 31 & 31 & -39 & 7 \end{bmatrix}$$

$$2949, 13780, \begin{bmatrix} 2 & 166 \\ 83 & -1 \end{bmatrix}$$

$$2950, 3080, \begin{bmatrix} 1 & 3 & 3 & 17 \\ 0 & 1 & -1 & 0 \\ 13 & -5 & -5 & 1 \\ 4 & 5 & 5 & -2 \end{bmatrix}$$

$$2951, 2437, \begin{bmatrix} 6 & 49 \\ 49 & -6 \end{bmatrix}$$

$$2952, 2160, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 13 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 3 & 3 & 3 & 1 & 1 & -1 \\ 1 & 1 & 1 & -4 & -4 & 1 \end{bmatrix}$$

$$2953, 425, [425]$$

$$2954, 28938, \begin{bmatrix} 1 & 4 & 47 \\ 18 & 19 & -2 \\ 17 & -16 & 1 \end{bmatrix}$$

$$2955, 26494, \begin{bmatrix} 2 & 3 & 45 \\ 3 & -2 & 0 \\ 90 & 135 & -13 \end{bmatrix}$$

$$2956, 34326, \begin{bmatrix} 1 & 1 & 131 \\ 1 & -1 & 0 \\ 131 & 131 & -2 \end{bmatrix}$$

$$2957, 426, [426]$$

$$2958, 1078, \begin{bmatrix} 1 & 2 & 7 & 10 \\ 1 & -2 & -1 & 1 \\ 3 & 2 & -1 & 0 \\ 4 & -3 & 6 & -4 \end{bmatrix}$$

$$2959, 3274, \begin{bmatrix} 5 & 57 \\ 57 & -5 \end{bmatrix}$$

$$2960, 16328, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 12 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 3 & 3 & 3 & 3 & -4 & 0 \\ 12 & 12 & 12 & 12 & 36 & -13 \end{bmatrix}$$

$$2961, 498, \begin{bmatrix} 2 & 2 & 4 & 15 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 5 & 5 & 10 & -4 \end{bmatrix}$$

$$2962, 54757, \begin{bmatrix} 1 & 234 \\ 234 & -1 \end{bmatrix}$$

$$2963, 427, [427]$$

$$2964, 1696, \begin{bmatrix} 1 & 1 & 2 & 6 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 1 & -1 \\ 1 & 1 & -2 & -1 & 1 \\ 7 & 7 & 14 & -11 & 3 \end{bmatrix}$$

$$2965, 3891, \begin{bmatrix} 3 & 108 \\ 36 & -1 \end{bmatrix}$$

$$2966, 55226, \begin{bmatrix} 1 & 235 \\ 235 & -1 \end{bmatrix}$$

$$2967, 2529, \begin{bmatrix} 2 & 9 & 14 \\ 2 & -2 & 1 \\ 37 & 26 & -22 \end{bmatrix}$$

$$2968, 11550, \begin{bmatrix} 1 & 1 & 1 & 4 & 16 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 4 & 4 & 4 & 5 & -2 \\ 8 & 8 & 8 & -18 & 3 \end{bmatrix}$$

$$2969, 428, [428]$$

$$2970, 4230, \begin{bmatrix} 1 & 2 & 2 & 2 & 3 & 5 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & 0 & -1 & 0 \\ 0 & 0 & 1 & 0 & 1 & -1 \\ 2 & 3 & -2 & 3 & 0 & -2 \\ 19 & -9 & -9 & -9 & 10 & 1 \end{bmatrix}$$

$$2971, 429, [429]$$

$$2972, 17426, \begin{bmatrix} 1 & 1 & 132 \\ 1 & -1 & 0 \\ 66 & 66 & -1 \end{bmatrix}$$

$$2973, 27893, \begin{bmatrix} 2 & 167 \\ 167 & -2 \end{bmatrix}$$

$$2974, 55697, \begin{bmatrix} 1 & 236 \\ 236 & -1 \end{bmatrix}$$

$$2975, 830, \begin{bmatrix} 3 & 3 & 4 & 7 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 \\ 11 & 11 & -13 & -2 \end{bmatrix}$$

$$2976, 14040, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 11 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 \\ 11 & 11 & 11 & 11 & 11 & 22 & -9 \end{bmatrix}$$

$$2977, 1268, \begin{bmatrix} 6 & 50 \\ 25 & -3 \end{bmatrix}$$

$$2978, 56170, \begin{bmatrix} 1 & 237 \\ 237 & -1 \end{bmatrix}$$

$$2979, 8994, \begin{bmatrix} 2 & 2 & 67 \\ 1 & -1 & 0 \\ 67 & 67 & -4 \end{bmatrix}$$

$$2980, 27192, \begin{bmatrix} 1 & 1 & 3 & 35 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 35 & 35 & 105 & -11 \end{bmatrix}$$

$$2981, 3389, \begin{bmatrix} 5 & 58 \\ 58 & -5 \end{bmatrix}$$

$$2982, 17682, \begin{bmatrix} 1 & 2 & 4 & 20 \\ 2 & 1 & -1 & 0 \\ 2 & -3 & 1 & 0 \\ 20 & 40 & 80 & -21 \end{bmatrix}$$

$$2983, 1433, \begin{bmatrix} 8 & 37 \\ 37 & -8 \end{bmatrix}$$

$$2984, 32874, \begin{bmatrix} 1 & 1 & 1 & 74 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 74 & 74 & 74 & -3 \end{bmatrix}$$

$$2985, 27677, \begin{bmatrix} 2 & 3 & 46 \\ 3 & -2 & 0 \\ 92 & 138 & -13 \end{bmatrix}$$

$$2986, 56645, \begin{bmatrix} 1 & 238 \\ 238 & -1 \end{bmatrix}$$

$$2987, 829, \begin{bmatrix} 10 & 27 \\ 27 & -10 \end{bmatrix}$$

$$2988, 10780, \begin{bmatrix} 1 & 1 & 2 & 2 & 23 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 23 & 23 & 46 & 46 & -10 \end{bmatrix}$$

$$2989, 356, \begin{bmatrix} 4 & 4 & 18 \\ 1 & -1 & 0 \\ 9 & 9 & -4 \end{bmatrix}$$

$$2990, 4191, \begin{bmatrix} 1 & 3 & 6 & 9 \\ 0 & 1 & 1 & -1 \\ 3 & 1 & -1 & 0 \\ 27 & -46 & 35 & -11 \end{bmatrix}$$

$$2991, 14114, \begin{bmatrix} 2 & 168 \\ 84 & -1 \end{bmatrix}$$

$$2992, 624, \begin{bmatrix} 1 & 1 & 1 & 1 & 5 & 7 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 2 & -2 \\ 2 & 2 & 2 & 2 & -3 & 1 \end{bmatrix}$$

$$2993, 610, \begin{bmatrix} 13 & 21 \\ 21 & -13 \end{bmatrix}$$

$$2994, 9030, \begin{bmatrix} 1 & 2 & 95 \\ 2 & -1 & 0 \\ 19 & 38 & -1 \end{bmatrix}$$

$$2995, 11890, \begin{bmatrix} 3 & 109 \\ 109 & -3 \end{bmatrix}$$

$$2996, 7218, \begin{bmatrix} 1 & 1 & 4 & 28 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 14 & 14 & 56 & -9 \end{bmatrix}$$

$$2997, 320, \begin{bmatrix} 2 & 2 & 2 & 2 & 12 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 3 & 3 & 3 & 3 & -2 \end{bmatrix}$$

$$2998, 57122, \begin{bmatrix} 1 & 239 \\ 239 & -1 \end{bmatrix}$$

$$2999, 430, [430]$$

$$3000, 3672, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 3 & 3 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -2 & 1 \\ 1 & 3 & 1 & 2 & -1 & -1 & -1 \\ 5 & -12 & 5 & 10 & -2 & -2 & -2 \end{bmatrix}$$

3001, 431, [431]

$$3002, 2745, \begin{bmatrix} 1 & 8 & 22 \\ 14 & -10 & 3 \\ 4 & 5 & -2 \end{bmatrix}$$

$$3003, 486, \begin{bmatrix} 2 & 4 & 5 & 6 \\ 1 & 1 & 0 & -1 \\ 0 & 1 & -2 & 1 \\ 10 & -7 & -2 & 3 \end{bmatrix}$$

$$3004, 35382, \begin{bmatrix} 1 & 1 & 133 \\ 1 & -1 & 0 \\ 133 & 133 & -2 \end{bmatrix}$$

$$3005, 12109, \begin{bmatrix} 3 & 110 \\ 110 & -3 \end{bmatrix}$$

$$3006, 9180, \begin{bmatrix} 1 & 2 & 2 & 39 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 13 & 26 & 26 & -3 \end{bmatrix}$$

$$3007, 746, \begin{bmatrix} 11 & 25 \\ 25 & -11 \end{bmatrix}$$

$$3008, 3696, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 15 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 5 & 5 & 5 & 5 & 5 & 5 & -2 \end{bmatrix}$$

$$3009, 2394, \begin{bmatrix} 2 & 7 & 17 \\ 2 & -3 & 1 \\ 29 & 16 & -10 \end{bmatrix}$$

$$3010, 1998, \begin{bmatrix} 1 & 3 & 4 & 14 \\ 1 & 1 & -1 & 0 \\ 0 & 2 & 2 & -1 \\ 21 & -11 & 10 & -2 \end{bmatrix}$$

3011, 432, [432]

$$3012, 2922, \begin{bmatrix} 1 & 1 & 2 & 54 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 9 & 9 & 18 & -1 \end{bmatrix}$$

$$3013, 1105, \begin{bmatrix} 9 & 32 \\ 32 & -9 \end{bmatrix}$$

$$3014, 20070, \begin{bmatrix} 1 & 5 & 33 \\ 8 & 5 & -1 \\ 34 & -53 & 7 \end{bmatrix}$$

$$3015, 1512, \begin{bmatrix} 2 & 2 & 3 & 19 \\ 1 & -1 & 0 & 0 \\ 7 & 7 & -3 & -1 \\ 1 & 1 & 5 & -1 \end{bmatrix}$$

$$3016, 10842, \begin{bmatrix} 1 & 1 & 1 & 6 & 10 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -1 & 0 \\ 10 & 10 & 10 & 60 & -39 \end{bmatrix}$$

$$3017, 6905, \begin{bmatrix} 4 & 83 \\ 83 & -4 \end{bmatrix}$$

$$3018, 46105, \begin{bmatrix} 1 & 2 & 96 \\ 2 & -1 & 0 \\ 96 & 192 & -5 \end{bmatrix}$$

$$3019, 433, [433]$$

$$3020, 28754, \begin{bmatrix} 1 & 1 & 3 & 36 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 36 & 36 & 108 & -11 \end{bmatrix}$$

$$3021, 810, \begin{bmatrix} 2 & 8 & 16 \\ 0 & 2 & -1 \\ 20 & -1 & -2 \end{bmatrix}$$

$$3022, 57601, \begin{bmatrix} 1 & 240 \\ 240 & -1 \end{bmatrix}$$

$$3023, 434, [434]$$

$$3024, 1536, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 2 & 4 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 & -2 & 0 & 0 \\ 3 & 3 & 3 & 3 & -2 & 6 & -2 & -4 \end{bmatrix}$$

$$3025, 136, \begin{bmatrix} 3 & 3 & 5 & 5 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 5 & 5 & -3 & -3 \end{bmatrix}$$

$$3026, 11894, \begin{bmatrix} 1 & 7 & 24 \\ 3 & 3 & -1 \\ 79 & -73 & 18 \end{bmatrix}$$

$$3027, 28565, \begin{bmatrix} 2 & 169 \\ 169 & -2 \end{bmatrix}$$

$$3028, 17958, \begin{bmatrix} 1 & 1 & 134 \\ 1 & -1 & 0 \\ 67 & 67 & -1 \end{bmatrix}$$

$$3029, 879, \begin{bmatrix} 6 & 51 \\ 17 & -2 \end{bmatrix}$$

$$3030, 8280, \begin{bmatrix} 1 & 2 & 3 & 26 \\ 1 & -2 & 1 & 0 \\ 1 & -3 & -7 & 1 \\ 15 & 7 & -1 & -1 \end{bmatrix}$$

$$3031, 1768, \begin{bmatrix} 4 & 84 \\ 21 & -1 \end{bmatrix}$$

$$3032, 11256, \begin{bmatrix} 1 & 1 & 1 & 75 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 25 & 25 & 25 & -1 \end{bmatrix}$$

$$3033, 2316, \begin{bmatrix} 2 & 2 & 68 \\ 1 & -1 & 0 \\ 17 & 17 & -1 \end{bmatrix}$$

$$3034, 942, \begin{bmatrix} 1 & 12 & 13 \\ 25 & -14 & 11 \\ 1 & 1 & -1 \end{bmatrix}$$

$$3035, 4110, \begin{bmatrix} 3 & 111 \\ 37 & -1 \end{bmatrix}$$

$$3036, 672, \begin{bmatrix} 1 & 1 & 2 & 5 & 9 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -3 & 1 \\ 2 & 2 & 4 & 3 & -3 \end{bmatrix}$$

$$3037, 435, [435]$$

$$3038, 924, \begin{bmatrix} 1 & 4 & 4 & 11 \\ 0 & 1 & -1 & 0 \\ 1 & 4 & 4 & -3 \\ 8 & -1 & -1 & 0 \end{bmatrix}$$

$$3039, 14452, \begin{bmatrix} 2 & 170 \\ 85 & -1 \end{bmatrix}$$

$$3040, 5616, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 3 & 8 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 2 & 0 & 0 & 2 & -1 \\ 1 & 1 & 2 & 1 & 1 & -2 & 0 \\ 6 & 6 & -7 & 6 & 6 & 5 & -4 \end{bmatrix}$$

$$3041, 436, [436]$$

$$3042, 972, \begin{bmatrix} 1 & 2 & 2 & 6 & 6 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 4 & -1 & -1 & 0 & 0 \\ 4 & 8 & 8 & -3 & -3 \end{bmatrix}$$

$$3043, 1730, \begin{bmatrix} 7 & 41 \\ 41 & -7 \end{bmatrix}$$

$$3044, 36454, \begin{bmatrix} 1 & 1 & 135 \\ 1 & -1 & 0 \\ 135 & 135 & -2 \end{bmatrix}$$

$$3045, 1290, \begin{bmatrix} 2 & 3 & 4 & 10 \\ 2 & 0 & -1 & 0 \\ 1 & 0 & 2 & -1 \\ 1 & -20 & 2 & 5 \end{bmatrix}$$

$$3046, 58082, \begin{bmatrix} 1 & 241 \\ 241 & -1 \end{bmatrix}$$

$$3047, 3506, \begin{bmatrix} 5 & 59 \\ 59 & -5 \end{bmatrix}$$

$$3048, 40656, \begin{bmatrix} 1 & 1 & 1 & 2 & 31 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 31 & 31 & 31 & 62 & -7 \end{bmatrix}$$

3049, 437, [437]

$$3050, 13034, \begin{bmatrix} 1 & 3 & 3 & 18 \\ 0 & 1 & -1 & 0 \\ 6 & -1 & -1 & 0 \\ 18 & 54 & 54 & -19 \end{bmatrix}$$

$$3051, 912, \begin{bmatrix} 2 & 2 & 2 & 30 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 5 & 5 & 5 & -1 \end{bmatrix}$$

$$3052, 15462, \begin{bmatrix} 1 & 1 & 4 & 29 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 29 & 29 & 116 & -18 \end{bmatrix}$$

$$3053, 298, \begin{bmatrix} 14 & 20 \\ 10 & -7 \end{bmatrix}$$

$$3054, 47070, \begin{bmatrix} 1 & 2 & 97 \\ 2 & -1 & 0 \\ 97 & 194 & -5 \end{bmatrix}$$

$$3055, 90, \begin{bmatrix} 3 & 6 & 15 \\ 2 & -1 & 0 \\ 1 & 2 & -1 \end{bmatrix}$$

$$3056, 14824, \begin{bmatrix} 1 & 1 & 1 & 1 & 43 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 43 & 43 & 43 & 43 & -4 \end{bmatrix}$$

$$3057, 29245, \begin{bmatrix} 2 & 171 \\ 171 & -2 \end{bmatrix}$$

$$3058, 15366, \begin{bmatrix} 1 & 5 & 34 \\ 5 & -1 & 0 \\ 17 & 85 & -13 \end{bmatrix}$$

$$3059, 805, \begin{bmatrix} 4 & 8 & 9 \\ 2 & -1 & 0 \\ 9 & 18 & -20 \end{bmatrix}$$

$$3060, 1088, \begin{bmatrix} 1 & 1 & 2 & 2 & 3 & 7 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & 1 & 1 & -1 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 7 & 7 & -3 & -3 & 4 & -2 \end{bmatrix}$$

$$3061, 438, [438]$$

$$3062, 58565, \begin{bmatrix} 1 & 242 \\ 242 & -1 \end{bmatrix}$$

$$3063, 14794, \begin{bmatrix} 2 & 172 \\ 86 & -1 \end{bmatrix}$$

$$3064, 34674, \begin{bmatrix} 1 & 1 & 1 & 76 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 76 & 76 & 76 & -3 \end{bmatrix}$$

$$3065, 12553, \begin{bmatrix} 3 & 112 \\ 112 & -3 \end{bmatrix}$$

$$3066, 924, \begin{bmatrix} 1 & 2 & 4 & 21 \\ 2 & 1 & -1 & 0 \\ 2 & -3 & 1 & 0 \\ 1 & 2 & 4 & -1 \end{bmatrix}$$

$$3067, 439, [439]$$

$$3068, 4578, \begin{bmatrix} 1 & 1 & 6 & 17 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -6 & 2 \\ 19 & 19 & 5 & -4 \end{bmatrix}$$

$$3069, 924, \begin{bmatrix} 2 & 2 & 5 & 11 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 5 & -3 \\ 5 & 5 & -4 & 0 \end{bmatrix}$$

$$3070, 39790, \begin{bmatrix} 1 & 3 & 63 \\ 3 & -1 & 0 \\ 63 & 189 & -10 \end{bmatrix}$$

$$3071, 673, \begin{bmatrix} 12 & 23 \\ 23 & -12 \end{bmatrix}$$

$$3072, 5376, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & -1 & 1 & 0 & 0 & 0 & 0 \\ 0 & 1 & 1 & -1 & -1 & -1 & -1 & 1 & 1 & 0 & 0 \\ 4 & -3 & -3 & -3 & -3 & -3 & -3 & -3 & -3 & 4 & 8 \end{bmatrix}$$

$$3073, 7241, \begin{bmatrix} 4 & 85 \\ 85 & -4 \end{bmatrix}$$

$$3074, 357, \begin{bmatrix} 1 & 10 & 16 \\ 4 & -2 & 1 \\ 2 & 3 & -2 \end{bmatrix}$$

$$3075, 4202, \begin{bmatrix} 2 & 3 & 3 & 13 \\ 0 & 1 & -1 & 0 \\ 3 & -1 & -1 & 0 \\ 26 & 39 & 39 & -22 \end{bmatrix}$$

$$3076, 18498, \begin{bmatrix} 1 & 1 & 136 \\ 1 & -1 & 0 \\ 68 & 68 & -1 \end{bmatrix}$$

$$3077, 259, \begin{bmatrix} 7 & 42 \\ 6 & -1 \end{bmatrix}$$

$$3078, 2916, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 8 \\ 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 2 & 0 & 0 & 2 & -1 \\ 4 & 0 & -1 & -1 & 0 & 0 \\ 4 & -1 & 8 & 8 & -1 & -4 \end{bmatrix}$$

3079, 440, [440]

$$3080, 4770, \begin{bmatrix} 1 & 1 & 1 & 3 & 4 & 5 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 1 & -1 & 0 \\ 0 & 1 & 0 & 0 & 1 & -1 \\ 3 & -2 & 3 & 2 & 0 & -2 \\ 12 & 12 & 12 & -17 & -5 & 7 \end{bmatrix}$$

$$3081, 2620, \begin{bmatrix} 2 & 6 & 22 \\ 3 & -1 & 0 \\ 11 & 33 & -10 \end{bmatrix}$$

$$3082, 2658, \begin{bmatrix} 1 & 9 & 19 \\ 1 & 2 & -1 \\ 47 & -20 & 7 \end{bmatrix}$$

3083, 441, [441]

$$3084, 18186, \begin{bmatrix} 1 & 1 & 2 & 55 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 55 & 55 & 110 & -6 \end{bmatrix}$$

$$3085, 12778, \begin{bmatrix} 3 & 113 \\ 113 & -3 \end{bmatrix}$$

$$3086, 59050, \begin{bmatrix} 1 & 243 \\ 243 & -1 \end{bmatrix}$$

$$3087, 168, \begin{bmatrix} 2 & 2 & 4 & 4 & 4 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 \\ 1 & 1 & 0 & -1 & 0 \\ 2 & 2 & -3 & 4 & -3 \end{bmatrix}$$

$$3088, 3880, \begin{bmatrix} 1 & 1 & 1 & 1 & 44 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 11 & 11 & 11 & 11 & -1 \end{bmatrix}$$

$$3089, 442, [442]$$

$$3090, 31206, \begin{bmatrix} 1 & 2 & 3 & 27 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 27 & 54 & 81 & -14 \end{bmatrix}$$

$$3091, 725, \begin{bmatrix} 5 & 60 \\ 12 & -1 \end{bmatrix}$$

$$3092, 37542, \begin{bmatrix} 1 & 1 & 137 \\ 1 & -1 & 0 \\ 137 & 137 & -2 \end{bmatrix}$$

$$3093, 29933, \begin{bmatrix} 2 & 173 \\ 173 & -2 \end{bmatrix}$$

$$3094, 306, \begin{bmatrix} 1 & 4 & 6 & 7 \\ 1 & 0 & 1 & -1 \\ 5 & 3 & -4 & 1 \\ 1 & -2 & 0 & 1 \end{bmatrix}$$

$$3095, 4335, \begin{bmatrix} 3 & 114 \\ 38 & -1 \end{bmatrix}$$

$$3096, 17388, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 14 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 2 & 2 & 2 & -5 & -5 & 1 \\ 16 & 16 & 16 & 9 & 9 & -6 \end{bmatrix}$$

$$3097, 754, \begin{bmatrix} 8 & 38 \\ 19 & -4 \end{bmatrix}$$

$$3098, 59537, \begin{bmatrix} 1 & 244 \\ 244 & -1 \end{bmatrix}$$

$$3099, 15140, \begin{bmatrix} 2 & 174 \\ 87 & -1 \end{bmatrix}$$

$$3100, 2820, \begin{bmatrix} 1 & 1 & 3 & 3 & 11 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & 3 & 3 & -2 \\ 13 & 13 & -8 & -8 & 2 \end{bmatrix}$$

$$3101, 3706, \begin{bmatrix} 4 & 86 \\ 43 & -2 \end{bmatrix}$$

$$3102, 510, \begin{bmatrix} 1 & 2 & 5 & 15 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 1 & 2 & 5 & -2 \end{bmatrix}$$

$$3103, 442, \begin{bmatrix} 10 & 28 \\ 14 & -5 \end{bmatrix}$$

$$3104, 5040, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 25 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 5 & 5 & 5 & 5 & 5 & -1 \end{bmatrix}$$

$$3105, 1020, \begin{bmatrix} 2 & 2 & 2 & 3 & 9 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 0 & 0 & 0 & 3 & -1 \\ 5 & 5 & 5 & -1 & -3 \end{bmatrix}$$

$$3106, 60026, \begin{bmatrix} 1 & 245 \\ 245 & -1 \end{bmatrix}$$

$$3107, 1370, \begin{bmatrix} 6 & 52 \\ 26 & -3 \end{bmatrix}$$

$$3108, 4980, \begin{bmatrix} 1 & 1 & 2 & 4 & 12 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 3 & -1 \\ 20 & 20 & 40 & -3 & -9 \end{bmatrix}$$

$$3109, 443, [443]$$

$$3110, 20530, \begin{bmatrix} 1 & 3 & 64 \\ 3 & -1 & 0 \\ 32 & 96 & -5 \end{bmatrix}$$

$$3111, 3393, \begin{bmatrix} 2 & 7 & 18 \\ 16 & -2 & -1 \\ 1 & 10 & -4 \end{bmatrix}$$

$$3112, 35592, \begin{bmatrix} 1 & 1 & 1 & 77 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 77 & 77 & 77 & -3 \end{bmatrix}$$

$$3113, 3746, \begin{bmatrix} 5 & 61 \\ 61 & -5 \end{bmatrix}$$

$$3114, 28962, \begin{bmatrix} 1 & 2 & 2 & 40 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 40 & 80 & 80 & -9 \end{bmatrix}$$

$$3115, 15025, \begin{bmatrix} 3 & 4 & 24 \\ 4 & -3 & 0 \\ 72 & 96 & -25 \end{bmatrix}$$

$$3116, 1410, \begin{bmatrix} 1 & 1 & 8 & 13 \\ 1 & -1 & 0 & 0 \\ 11 & 11 & -6 & 2 \\ 1 & 1 & 3 & -2 \end{bmatrix}$$

$$3117, 30629, \begin{bmatrix} 2 & 175 \\ 175 & -2 \end{bmatrix}$$

$$3118, 60517, \begin{bmatrix} 1 & 246 \\ 246 & -1 \end{bmatrix}$$

3119, 444, [444]

$$3120, 8480, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 3 & 6 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 2 & -1 \\ 1 & 1 & 1 & 1 & -2 & 0 & 0 \\ 15 & 15 & 15 & 15 & 30 & -8 & -16 \end{bmatrix}$$

3121, 445, [445]

$$3122, 34815, \begin{bmatrix} 1 & 4 & 48 \\ 8 & 10 & -1 \\ 44 & -35 & 2 \end{bmatrix}$$

$$3123, 9538, \begin{bmatrix} 2 & 2 & 69 \\ 1 & -1 & 0 \\ 69 & 69 & -4 \end{bmatrix}$$

$$3124, 9394, \begin{bmatrix} 1 & 1 & 5 & 20 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & -10 & 2 \\ 15 & 15 & 14 & -5 \end{bmatrix}$$

$$3125, 120, \begin{bmatrix} 3 & 3 & 3 & 3 & 3 \\ 1 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & -1 & 0 \\ 1 & -1 & 0 & -1 & 1 \\ 1 & 1 & -4 & 1 & 1 \end{bmatrix}$$

$$3126, 48045, \begin{bmatrix} 1 & 2 & 98 \\ 2 & -1 & 0 \\ 98 & 196 & -5 \end{bmatrix}$$

$$3127, 545, \begin{bmatrix} 16 & 17 \\ 17 & -16 \end{bmatrix}$$

$$3128, 3192, \begin{bmatrix} 1 & 1 & 1 & 7 & 9 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 3 & 3 & 3 & 0 & -1 \\ 1 & 1 & 1 & -12 & 9 \end{bmatrix}$$

$$3129, 1245, \begin{bmatrix} 2 & 4 & 35 \\ 2 & -1 & 0 \\ 7 & 14 & -2 \end{bmatrix}$$

$$3130, 8470, \begin{bmatrix} 1 & 3 & 65 \\ 3 & -1 & 0 \\ 13 & 39 & -2 \end{bmatrix}$$

$$3131, 797, \begin{bmatrix} 11 & 26 \\ 26 & -11 \end{bmatrix}$$

$$3132, 2052, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 10 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & 2 & 1 & -1 \\ 4 & 4 & -11 & 8 & -11 & 2 \end{bmatrix}$$

$$3133, 2845, \begin{bmatrix} 6 & 53 \\ 53 & -6 \end{bmatrix}$$

$$3134, 61010, \begin{bmatrix} 1 & 247 \\ 247 & -1 \end{bmatrix}$$

$$3135, 306, \begin{bmatrix} 2 & 3 & 5 & 8 \\ 1 & 1 & -1 & 0 \\ 0 & 1 & 1 & -1 \\ 8 & -5 & 3 & -2 \end{bmatrix}$$

$$3136, 1824, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 4 & 4 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \\ 4 & 4 & 4 & 4 & 4 & 4 & -3 & -3 \end{bmatrix}$$

$$3137, 446, [446]$$

$$3138, 49030, \begin{bmatrix} 1 & 2 & 99 \\ 2 & -1 & 0 \\ 99 & 198 & -5 \end{bmatrix}$$

$$3139, 91, \begin{bmatrix} 14 & 21 \\ 3 & -2 \end{bmatrix}$$

$$3140, 24840, \begin{bmatrix} 1 & 1 & 3 & 37 \\ 2 & 1 & -1 & 0 \\ 7 & -3 & 11 & -1 \\ 5 & -18 & -8 & 1 \end{bmatrix}$$

$$3141, 4908, \begin{bmatrix} 2 & 2 & 70 \\ 1 & -1 & 0 \\ 35 & 35 & -2 \end{bmatrix}$$

$$3142, 61505, \begin{bmatrix} 1 & 248 \\ 248 & -1 \end{bmatrix}$$

$$3143, 7585, \begin{bmatrix} 4 & 87 \\ 87 & -4 \end{bmatrix}$$

$$3144, 43302, \begin{bmatrix} 1 & 1 & 1 & 2 & 32 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 32 & 32 & 32 & 64 & -7 \end{bmatrix}$$

$$3145, 1414, \begin{bmatrix} 3 & 7 & 12 \\ 1 & 3 & -2 \\ 25 & -9 & -1 \end{bmatrix}$$

$$3146, 870, \begin{bmatrix} 1 & 5 & 5 & 6 \\ 0 & 1 & -1 & 0 \\ 2 & 1 & 1 & -2 \\ 16 & -7 & -7 & 9 \end{bmatrix}$$

$$3147, 15490, \begin{bmatrix} 2 & 176 \\ 88 & -1 \end{bmatrix}$$

$$3148, 19046, \begin{bmatrix} 1 & 1 & 138 \\ 1 & -1 & 0 \\ 69 & 69 & -1 \end{bmatrix}$$

$$3149, 586, \begin{bmatrix} 15 & 19 \\ 19 & -15 \end{bmatrix}$$

$$3150, 3612, \begin{bmatrix} 1 & 2 & 2 & 3 & 3 & 4 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & 1 & 0 & 0 & -1 \\ 0 & 1 & 1 & -2 & -2 & 2 \\ 42 & -2 & -2 & -3 & -3 & -4 \end{bmatrix}$$

$$3151, 390, \begin{bmatrix} 9 & 33 \\ 11 & -3 \end{bmatrix}$$

$$3152, 16232, \begin{bmatrix} 1 & 1 & 1 & 1 & 45 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 45 & 45 & 45 & 45 & -4 \end{bmatrix}$$

$$3153, 31333, \begin{bmatrix} 2 & 177 \\ 177 & -2 \end{bmatrix}$$

$$3154, 594, \begin{bmatrix} 1 & 8 & 23 \\ 7 & 2 & -1 \\ 1 & -3 & 1 \end{bmatrix}$$

$$3155, 13234, \begin{bmatrix} 3 & 115 \\ 115 & -3 \end{bmatrix}$$

$$3156, 9426, \begin{bmatrix} 1 & 1 & 2 & 56 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 28 & 28 & 56 & -3 \end{bmatrix}$$

$$3157, 210, \begin{bmatrix} 4 & 5 & 13 \\ 3 & -5 & 1 \\ 2 & 1 & -1 \end{bmatrix}$$

$$3158, 62002, \begin{bmatrix} 1 & 249 \\ 249 & -1 \end{bmatrix}$$

$$3159, 672, \begin{bmatrix} 2 & 2 & 2 & 2 & 2 & 6 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & 2 & 1 & 1 & -2 \\ 2 & 2 & -5 & 2 & 2 & -1 \end{bmatrix}$$

$$3160, 5952, \begin{bmatrix} 1 & 1 & 1 & 3 & 22 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 11 & 11 & 11 & 33 & -6 \end{bmatrix}$$

$$3161, 941, \begin{bmatrix} 10 & 29 \\ 29 & -10 \end{bmatrix}$$

$$3162, 1225, \begin{bmatrix} 1 & 2 & 7 & 11 \\ 2 & 1 & 1 & -1 \\ 1 & 1 & -2 & 1 \\ 7 & -11 & -1 & 2 \end{bmatrix}$$

$$3163, 447, [447]$$

$$3164, 2754, \begin{bmatrix} 1 & 1 & 4 & 30 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 5 & 5 & 20 & -3 \end{bmatrix}$$

$$3165, 28886, \begin{bmatrix} 2 & 3 & 47 \\ 3 & -2 & 0 \\ 94 & 141 & -13 \end{bmatrix}$$

$$3166, 62501, \begin{bmatrix} 1 & 250 \\ 250 & -1 \end{bmatrix}$$

$$3167, 448, [448]$$

$$3168, 4864, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 2 & 5 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 1 & 1 & -1 \\ 1 & 1 & -3 & 1 & 1 & 1 & 1 & -1 \\ 7 & 7 & 7 & 7 & 7 & -5 & -5 & -3 \end{bmatrix}$$

$$3169, 449, [449]$$

$$3170, 21830, \begin{bmatrix} 1 & 3 & 66 \\ 3 & -1 & 0 \\ 33 & 99 & -5 \end{bmatrix}$$

$$3171, 3290, \begin{bmatrix} 2 & 4 & 36 \\ 2 & -1 & 0 \\ 18 & 36 & -5 \end{bmatrix}$$

$$3172, 3620, \begin{bmatrix} 1 & 1 & 6 & 18 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 3 & -1 \\ 30 & 30 & -1 & -3 \end{bmatrix}$$

$$3173, 1585, \begin{bmatrix} 8 & 39 \\ 39 & -8 \end{bmatrix}$$

$$3174, 1670, \begin{bmatrix} 1 & 2 & 9 & 9 \\ 0 & 0 & 1 & -1 \\ 2 & -1 & 0 & 0 \\ 18 & 36 & -5 & -5 \end{bmatrix}$$

$$3175, 1958, \begin{bmatrix} 3 & 3 & 31 \\ 1 & -1 & 0 \\ 31 & 31 & -6 \end{bmatrix}$$

$$3176, 12174, \begin{bmatrix} 1 & 1 & 1 & 78 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 26 & 26 & 26 & -1 \end{bmatrix}$$

$$3177, 10098, \begin{bmatrix} 2 & 2 & 71 \\ 1 & -1 & 0 \\ 71 & 71 & -4 \end{bmatrix}$$

$$3178, 16926, \begin{bmatrix} 1 & 4 & 49 \\ 19 & -17 & 1 \\ 9 & 10 & -1 \end{bmatrix}$$

$$3179, 246, \begin{bmatrix} 5 & 7 & 7 \\ 0 & 1 & -1 \\ 14 & -5 & -5 \end{bmatrix}$$

$$3180, 8130, \begin{bmatrix} 1 & 1 & 2 & 3 & 16 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 16 & 16 & 32 & 48 & -15 \end{bmatrix}$$

3181, 450, [450]

$$3182, 2046, \begin{bmatrix} 1 & 12 & 14 \\ 2 & 1 & -1 \\ 26 & -29 & 23 \end{bmatrix}$$

$$3183, 15844, \begin{bmatrix} 2 & 178 \\ 89 & -1 \end{bmatrix}$$

$$3184, 8480, \begin{bmatrix} 1 & 1 & 1 & 1 & 46 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 23 & 23 & 23 & 23 & -2 \end{bmatrix}$$

$$3185, 770, \begin{bmatrix} 3 & 4 & 4 & 6 \\ 0 & 1 & -1 & 0 \\ 6 & -3 & -3 & 1 \\ 4 & 3 & 3 & -6 \end{bmatrix}$$

$$3186, 23556, \begin{bmatrix} 1 & 2 & 2 & 2 & 17 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 6 & -1 & -1 & -1 & 0 \\ 17 & 34 & 34 & 34 & -13 \end{bmatrix}$$

3187, 451, [451]

$$3188, 38646, \begin{bmatrix} 1 & 1 & 139 \\ 1 & -1 & 0 \\ 139 & 139 & -2 \end{bmatrix}$$

$$3189, 32045, \begin{bmatrix} 2 & 179 \\ 179 & -2 \end{bmatrix}$$

$$3190, 810, \begin{bmatrix} 1 & 3 & 5 & 10 \\ 3 & -1 & 0 & 0 \\ 1 & 3 & 2 & -2 \\ 1 & 3 & -4 & 1 \end{bmatrix}$$

$$3191, 452, [452]$$

$$3192, 5220, \begin{bmatrix} 1 & 1 & 1 & 2 & 4 & 8 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 1 & -1 \\ 2 & 2 & 2 & -1 & 1 & -1 \\ 4 & 4 & 4 & 8 & -13 & 3 \end{bmatrix}$$

$$3193, 850, \begin{bmatrix} 11 & 27 \\ 27 & -11 \end{bmatrix}$$

$$3194, 63002, \begin{bmatrix} 1 & 251 \\ 251 & -1 \end{bmatrix}$$

$$3195, 14178, \begin{bmatrix} 2 & 2 & 3 & 20 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & 0 & -1 \\ 1 & 1 & -68 & 10 \end{bmatrix}$$

$$3196, 3864, \begin{bmatrix} 1 & 1 & 7 & 15 \\ 1 & -1 & 0 & 0 \\ 8 & 8 & -13 & 5 \\ 5 & 5 & 5 & -3 \end{bmatrix}$$

$$3197, 1237, \begin{bmatrix} 9 & 34 \\ 34 & -9 \end{bmatrix}$$

$$3198, 1050, \begin{bmatrix} 1 & 2 & 6 & 13 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -3 & 1 \\ 3 & 6 & 4 & -3 \end{bmatrix}$$

$$3199, 1940, \begin{bmatrix} 4 & 88 \\ 22 & -1 \end{bmatrix}$$

$$3200, 4000, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 3 & 3 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -1 & -2 & -1 & 1 & 1 & 0 & 0 \\ 1 & 1 & 0 & 2 & 0 & 1 & 1 & -1 & -1 \\ 1 & 1 & 6 & -4 & 6 & 1 & 1 & -2 & -2 \end{bmatrix}$$

$$3201, 8502, \begin{bmatrix} 2 & 5 & 25 \\ 0 & 5 & -1 \\ 65 & -1 & -5 \end{bmatrix}$$

$$3202, 63505, \begin{bmatrix} 1 & 252 \\ 252 & -1 \end{bmatrix}$$

3203, 453, [453]

$$3204, 5860, \begin{bmatrix} 1 & 1 & 2 & 2 & 24 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 12 & 12 & 24 & 24 & -5 \end{bmatrix}$$

$$3205, 13465, \begin{bmatrix} 3 & 116 \\ 116 & -3 \end{bmatrix}$$

$$3206, 42789, \begin{bmatrix} 1 & 4 & 50 \\ 4 & -1 & 0 \\ 50 & 200 & -17 \end{bmatrix}$$

$$3207, 16202, \begin{bmatrix} 2 & 180 \\ 90 & -1 \end{bmatrix}$$

$$3208, 37464, \begin{bmatrix} 1 & 1 & 1 & 79 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 79 & 79 & 79 & -3 \end{bmatrix}$$

$$3209, 454, [454]$$

$$3210, 2394, \begin{bmatrix} 1 & 2 & 3 & 28 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 2 & 4 & 6 & -1 \end{bmatrix}$$

$$3211, 68, \begin{bmatrix} 6 & 6 & 8 \\ 1 & -1 & 0 \\ 2 & 2 & -3 \end{bmatrix}$$

$$3212, 4680, \begin{bmatrix} 1 & 1 & 5 & 21 \\ 1 & -1 & 0 & 0 \\ 8 & 8 & 1 & -1 \\ 1 & 1 & -13 & 3 \end{bmatrix}$$

$$3213, 462, \begin{bmatrix} 2 & 2 & 2 & 4 & 7 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & 2 & -2 \\ 2 & 2 & 2 & -3 & 0 \end{bmatrix}$$

$$3214, 64010, \begin{bmatrix} 1 & 253 \\ 253 & -1 \end{bmatrix}$$

$$3215, 4566, \begin{bmatrix} 3 & 117 \\ 39 & -1 \end{bmatrix}$$

$$3216, 11808, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 19 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 19 & 19 & 19 & 19 & 38 & -8 \end{bmatrix}$$

3217, 455, [455]

$$3218, 64517, \begin{bmatrix} 1 & 254 \\ 254 & -1 \end{bmatrix}$$

$$3219, 372, \begin{bmatrix} 2 & 10 & 12 \\ 1 & 1 & -1 \\ 11 & -7 & 4 \end{bmatrix}$$

$$3220, 1944, \begin{bmatrix} 1 & 1 & 3 & 4 & 9 \\ 1 & -1 & 0 & 0 & 0 \\ 2 & 2 & 0 & -1 & 0 \\ 1 & 1 & 3 & 4 & -3 \\ 1 & 1 & -6 & 4 & 0 \end{bmatrix}$$

3221, 456, [456]

$$3222, 30420, \begin{bmatrix} 1 & 2 & 2 & 41 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 41 & 82 & 82 & -9 \end{bmatrix}$$

$$3223, 3869, \begin{bmatrix} 5 & 62 \\ 62 & -5 \end{bmatrix}$$

$$3224, 2560, \begin{bmatrix} 1 & 1 & 1 & 6 & 11 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 1 & -2 & 1 \\ 1 & -3 & 1 & 2 & -1 \\ 7 & 7 & 7 & 2 & -3 \end{bmatrix}$$

$$3225, 2180, \begin{bmatrix} 2 & 3 & 3 & 14 \\ 0 & 1 & -1 & 0 \\ 1 & 2 & 2 & -1 \\ 31 & -8 & -8 & -1 \end{bmatrix}$$

$$3226, 65026, \begin{bmatrix} 1 & 255 \\ 255 & -1 \end{bmatrix}$$

$$3227, 7937, \begin{bmatrix} 4 & 89 \\ 89 & -4 \end{bmatrix}$$

$$3228, 6510, \begin{bmatrix} 1 & 1 & 2 & 57 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 19 & 19 & 38 & -2 \end{bmatrix}$$

$$3229, 457, [457]$$

$$3230, 738, \begin{bmatrix} 1 & 3 & 7 & 8 \\ 1 & 0 & 1 & -1 \\ 1 & 2 & -1 & 0 \\ 11 & -8 & -5 & 6 \end{bmatrix}$$

$$3231, 2596, \begin{bmatrix} 2 & 2 & 72 \\ 1 & -1 & 0 \\ 18 & 18 & -1 \end{bmatrix}$$

$$3232, 27240, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 26 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 26 & 26 & 26 & 26 & 26 & -5 \end{bmatrix}$$

$$3233, 290, \begin{bmatrix} 16 & 18 \\ 9 & -8 \end{bmatrix}$$

$$3234, 1860, \begin{bmatrix} 1 & 2 & 4 & 4 & 5 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & -1 & 0 & 0 & 0 \\ 1 & 2 & 0 & 0 & -1 \\ 4 & 8 & -15 & -15 & 20 \end{bmatrix}$$

$$3235, 13933, \begin{bmatrix} 3 & 118 \\ 118 & -3 \end{bmatrix}$$

$$3236, 19602, \begin{bmatrix} 1 & 1 & 140 \\ 1 & -1 & 0 \\ 70 & 70 & -1 \end{bmatrix}$$

$$3237, 5690, \begin{bmatrix} 2 & 6 & 23 \\ 3 & -1 & 0 \\ 23 & 69 & -20 \end{bmatrix}$$

$$3238, 65537, \begin{bmatrix} 1 & 256 \\ 256 & -1 \end{bmatrix}$$

$$3239, 653, \begin{bmatrix} 13 & 22 \\ 22 & -13 \end{bmatrix}$$

$$3240, 1344, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 & 2 & 3 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & 0 & -1 & -1 & 0 & 1 \\ 1 & -1 & 1 & -1 & 0 & 0 & -1 & 1 \\ 2 & -5 & 2 & 4 & -3 & -3 & 4 & -1 \end{bmatrix}$$

$$3241, 4058, \begin{bmatrix} 4 & 90 \\ 45 & -2 \end{bmatrix}$$

$$3242, 66050, \begin{bmatrix} 1 & 257 \\ 257 & -1 \end{bmatrix}$$

$$3243, 3410, \begin{bmatrix} 2 & 9 & 15 \\ 6 & 7 & -5 \\ 15 & -10 & 4 \end{bmatrix}$$

$$3244, 39766, \begin{bmatrix} 1 & 1 & 141 \\ 1 & -1 & 0 \\ 141 & 141 & -2 \end{bmatrix}$$

$$3245, 646, \begin{bmatrix} 3 & 5 & 17 \\ 5 & -3 & 0 \\ 3 & 5 & -2 \end{bmatrix}$$

$$3246, 10005, \begin{bmatrix} 1 & 2 & 100 \\ 2 & -1 & 0 \\ 20 & 40 & -1 \end{bmatrix}$$

$$3247, 1898, \begin{bmatrix} 7 & 43 \\ 43 & -7 \end{bmatrix}$$

$$3248, 480, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 10 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & 0 \\ 1 & 1 & 1 & 1 & 4 & -2 \end{bmatrix}$$

$$3249, 136, \begin{bmatrix} 2 & 2 & 8 & 8 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 4 & 4 & -1 & -1 \end{bmatrix}$$

$$3250, 1536, \begin{bmatrix} 1 & 3 & 3 & 3 & 6 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 3 & 1 & 1 & 1 & -2 \\ 9 & -5 & -5 & -5 & 6 \end{bmatrix}$$

$$3251, 458, [458]$$

$$3252, 10110, \begin{bmatrix} 1 & 1 & 2 & 58 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 29 & 29 & 58 & -3 \end{bmatrix}$$

$$3253, 459, [459]$$

$$3254, 66565, \begin{bmatrix} 1 & 258 \\ 258 & -1 \end{bmatrix}$$

$$3255, 750, \begin{bmatrix} 2 & 3 & 4 & 11 \\ 2 & 0 & -1 & 0 \\ 2 & -3 & 4 & -1 \\ 1 & 4 & 2 & -2 \end{bmatrix}$$

$$3256, 7224, \begin{bmatrix} 1 & 1 & 1 & 5 & 12 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 3 & 1 & -1 & 0 \\ 4 & -3 & 4 & -1 & 0 \\ 3 & 3 & 3 & 15 & -7 \end{bmatrix}$$

$$3257, 460, [460]$$

$$3258, 10638, \begin{bmatrix} 1 & 2 & 2 & 42 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 14 & 28 & 28 & -3 \end{bmatrix}$$

$$3259, 461, [461]$$

$$3260, 32010, \begin{bmatrix} 1 & 1 & 3 & 38 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 38 & 38 & 114 & -11 \end{bmatrix}$$

$$3261, 32765, \begin{bmatrix} 2 & 181 \\ 181 & -2 \end{bmatrix}$$

$$3262, 2618, \begin{bmatrix} 1 & 4 & 51 \\ 4 & -1 & 0 \\ 3 & 12 & -1 \end{bmatrix}$$

$$3263, 492, \begin{bmatrix} 6 & 54 \\ 9 & -1 \end{bmatrix}$$

$$3264, 14160, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 7 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -3 & 0 \\ 7 & 7 & 7 & 7 & 7 & 7 & 14 & -10 \end{bmatrix}$$

$$3265, 14170, \begin{bmatrix} 3 & 119 \\ 119 & -3 \end{bmatrix}$$

$$3266, 4338, \begin{bmatrix} 1 & 9 & 20 \\ 2 & 2 & -1 \\ 49 & -41 & 16 \end{bmatrix}$$

$$3267, 372, \begin{bmatrix} 2 & 2 & 2 & 5 & 5 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 5 & 5 & 5 & -3 & -3 \end{bmatrix}$$

$$3268, 1834, \begin{bmatrix} 1 & 1 & 8 & 14 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -2 & 1 \\ 18 & 18 & 13 & -10 \end{bmatrix}$$

$$3269, 8297, \begin{bmatrix} 4 & 91 \\ 91 & -4 \end{bmatrix}$$

$$3270, 8550, \begin{bmatrix} 1 & 2 & 3 & 29 \\ 2 & -1 & 0 & 0 \\ 4 & 8 & 3 & -1 \\ 2 & 4 & -13 & 1 \end{bmatrix}$$

$$3271, 462, [462]$$

$$3272, 38418, \begin{bmatrix} 1 & 1 & 1 & 80 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 80 & 80 & 80 & -3 \end{bmatrix}$$

$$3273, 16564, \begin{bmatrix} 2 & 182 \\ 91 & -1 \end{bmatrix}$$

$$3274, 67082, \begin{bmatrix} 1 & 259 \\ 259 & -1 \end{bmatrix}$$

$$3275, 1042, \begin{bmatrix} 3 & 3 & 32 \\ 1 & -1 & 0 \\ 16 & 16 & -3 \end{bmatrix}$$

$$3276, 1488, \begin{bmatrix} 1 & 1 & 2 & 2 & 4 & 6 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 1 & 1 & 0 & 0 & 1 & -1 \\ 1 & 1 & -1 & -1 & -1 & 1 \\ 5 & 5 & 10 & 10 & -11 & -1 \end{bmatrix}$$

$$3277, 100, \begin{bmatrix} 10 & 30 \\ 3 & -1 \end{bmatrix}$$

$$3278, 17514, \begin{bmatrix} 1 & 5 & 35 \\ 10 & 5 & -1 \\ 20 & -39 & 5 \end{bmatrix}$$

$$3279, 33493, \begin{bmatrix} 2 & 183 \\ 183 & -2 \end{bmatrix}$$

$$3280, 1456, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 13 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 3 & -1 \\ 3 & 3 & 3 & 3 & -4 & 0 \end{bmatrix}$$

$$3281, 1985, \begin{bmatrix} 7 & 44 \\ 44 & -7 \end{bmatrix}$$

$$3282, 51030, \begin{bmatrix} 1 & 2 & 101 \\ 2 & -1 & 0 \\ 101 & 202 & -5 \end{bmatrix}$$

$$3283, 786, \begin{bmatrix} 4 & 4 & 19 \\ 1 & -1 & 0 \\ 19 & 19 & -8 \end{bmatrix}$$

$$3284, 20166, \begin{bmatrix} 1 & 1 & 142 \\ 1 & -1 & 0 \\ 71 & 71 & -1 \end{bmatrix}$$

$$3285, 12824, \begin{bmatrix} 2 & 2 & 3 & 21 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 3 & -1 \\ 33 & 33 & -65 & 3 \end{bmatrix}$$

$$3286, 378, \begin{bmatrix} 1 & 11 & 16 \\ 5 & 1 & -1 \\ 1 & -3 & 2 \end{bmatrix}$$

$$3287, 208, \begin{bmatrix} 8 & 40 \\ 5 & -1 \end{bmatrix}$$

$$3288, 46032, \begin{bmatrix} 1 & 1 & 1 & 2 & 33 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 33 & 33 & 33 & 66 & -7 \end{bmatrix}$$

$$3289, 1562, \begin{bmatrix} 5 & 6 & 9 \\ 3 & 2 & -3 \\ 18 & -21 & 4 \end{bmatrix}$$

$$3290, 14307, \begin{bmatrix} 1 & 3 & 4 & 15 \\ 1 & 1 & -1 & 0 \\ 3 & 0 & 3 & -1 \\ 52 & -95 & -43 & 27 \end{bmatrix}$$

$$3291, 16930, \begin{bmatrix} 2 & 184 \\ 92 & -1 \end{bmatrix}$$

$$3292, 40902, \begin{bmatrix} 1 & 1 & 143 \\ 1 & -1 & 0 \\ 143 & 143 & -2 \end{bmatrix}$$

$$3293, 60, \begin{bmatrix} 12 & 24 \\ 2 & -1 \end{bmatrix}$$

$$3294, 26286, \begin{bmatrix} 1 & 2 & 2 & 2 & 18 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 6 & -1 & -1 & -1 & 0 \\ 18 & 36 & 36 & 36 & -13 \end{bmatrix}$$

$$3295, 4803, \begin{bmatrix} 3 & 120 \\ 40 & -1 \end{bmatrix}$$

$$3296, 29360, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 27 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 27 & 27 & 27 & 27 & 27 & -5 \end{bmatrix}$$

$$3297, 6945, \begin{bmatrix} 2 & 4 & 37 \\ 2 & -1 & 0 \\ 37 & 74 & -10 \end{bmatrix}$$

$$3298, 1350, \begin{bmatrix} 1 & 7 & 25 \\ 7 & -1 & 0 \\ 1 & 7 & -2 \end{bmatrix}$$

3299, 463, [463]

$$3300, 2352, \begin{bmatrix} 1 & 1 & 2 & 3 & 3 & 5 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 2 & -1 & -1 & 0 \\ 5 & 5 & 10 & 15 & 15 & -24 \end{bmatrix}$$

3301, 464, [464]

$$3302, 26946, \begin{bmatrix} 1 & 6 & 31 \\ 1 & 5 & -1 \\ 161 & -32 & 1 \end{bmatrix}$$

$$3303, 10674, \begin{bmatrix} 2 & 2 & 73 \\ 1 & -1 & 0 \\ 73 & 73 & -4 \end{bmatrix}$$

$$3304, 4312, \begin{bmatrix} 1 & 1 & 1 & 4 & 17 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 2 & 1 & -1 & 0 \\ 1 & -3 & 1 & -4 & 1 \\ 7 & -4 & 7 & 6 & -2 \end{bmatrix}$$

$$3305, 14650, \begin{bmatrix} 3 & 121 \\ 121 & -3 \end{bmatrix}$$

$$3306, 2197, \begin{bmatrix} 1 & 2 & 8 & 10 \\ 2 & 2 & -2 & 1 \\ 2 & 1 & 2 & -2 \\ 8 & -10 & -1 & 2 \end{bmatrix}$$

3307, 465, [465]

$$3308, 20738, \begin{bmatrix} 1 & 1 & 144 \\ 1 & -1 & 0 \\ 72 & 72 & -1 \end{bmatrix}$$

$$3309, 34229, \begin{bmatrix} 2 & 185 \\ 185 & -2 \end{bmatrix}$$

$$3310, 44990, \begin{bmatrix} 1 & 3 & 67 \\ 3 & -1 & 0 \\ 67 & 201 & -10 \end{bmatrix}$$

$$3311, 474, \begin{bmatrix} 4 & 5 & 14 \\ 11 & -6 & -1 \\ 1 & 2 & -1 \end{bmatrix}$$

$$3312, 1488, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 9 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 0 \\ 3 & 3 & 3 & 3 & 6 & 6 & -4 \end{bmatrix}$$

$$3313, 466, [466]$$

$$3314, 67601, \begin{bmatrix} 1 & 260 \\ 260 & -1 \end{bmatrix}$$

$$3315, 1176, \begin{bmatrix} 2 & 3 & 6 & 7 \\ 1 & -1 & -1 & 1 \\ 2 & 1 & 0 & -1 \\ 5 & -17 & 15 & -7 \end{bmatrix}$$

$$3316, 42054, \begin{bmatrix} 1 & 1 & 145 \\ 1 & -1 & 0 \\ 145 & 145 & -2 \end{bmatrix}$$

$$3317, 905, \begin{bmatrix} 11 & 28 \\ 28 & -11 \end{bmatrix}$$

$$3318, 12625, \begin{bmatrix} 1 & 2 & 4 & 22 \\ 0 & 2 & -1 & 0 \\ 2 & 2 & 4 & -1 \\ 46 & -9 & -18 & 2 \end{bmatrix}$$

$$3319, 467, [467]$$

$$3320, 12984, \begin{bmatrix} 1 & 1 & 1 & 3 & 23 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 23 & 23 & 23 & 69 & -12 \end{bmatrix}$$

$$3321, 1480, \begin{bmatrix} 2 & 2 & 2 & 2 & 13 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 13 & 13 & 13 & 13 & -8 \end{bmatrix}$$

$$3322, 17186, \begin{bmatrix} 1 & 5 & 36 \\ 5 & -1 & 0 \\ 18 & 90 & -13 \end{bmatrix}$$

3323, 468, [468]

$$3324, 20922, \begin{bmatrix} 1 & 1 & 2 & 59 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 59 & 59 & 118 & -6 \end{bmatrix}$$

$$3325, 490, \begin{bmatrix} 3 & 3 & 4 & 8 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 10 & 10 & -3 & -6 \end{bmatrix}$$

$$3326, 68122, \begin{bmatrix} 1 & 261 \\ 261 & -1 \end{bmatrix}$$

$$3327, 17300, \begin{bmatrix} 2 & 186 \\ 93 & -1 \end{bmatrix}$$

$$3328, 2816, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 6 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -1 & -1 & -1 & -1 & 1 & 1 & 0 \\ 3 & 3 & 3 & 3 & 3 & 3 & 3 & 3 & -4 \end{bmatrix}$$

3329, 469, [469]

$$3330, 1458, \begin{bmatrix} 1 & 2 & 2 & 3 & 12 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 0 & -2 & 1 & 0 \\ 2 & -2 & 1 & 0 & 0 \\ 2 & 4 & 4 & 6 & -3 \end{bmatrix}$$

3331, 470, [470]

$$3332, 2324, \begin{bmatrix} 1 & 1 & 4 & 4 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & -2 & -2 & 2 \\ 22 & 22 & 5 & 5 & -12 \end{bmatrix}$$

$$3333, 4935, \begin{bmatrix} 2 & 5 & 26 \\ 18 & -2 & -1 \\ 1 & 10 & -2 \end{bmatrix}$$

$$3334, 68645, \begin{bmatrix} 1 & 262 \\ 262 & -1 \end{bmatrix}$$

$$3335, 190, \begin{bmatrix} 3 & 9 & 10 \\ 3 & -1 & 0 \\ 1 & 3 & -3 \end{bmatrix}$$

$$3336, 48846, \begin{bmatrix} 1 & 1 & 1 & 2 & 34 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 34 & 34 & 34 & 68 & -7 \end{bmatrix}$$

$$3337, 125, \begin{bmatrix} 15 & 20 \\ 4 & -3 \end{bmatrix}$$

$$3338, 69170, \begin{bmatrix} 1 & 263 \\ 263 & -1 \end{bmatrix}$$

$$3339, 420, \begin{bmatrix} 2 & 2 & 4 & 16 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 4 & 4 & 8 & -3 \end{bmatrix}$$

$$3340, 33704, \begin{bmatrix} 1 & 1 & 3 & 39 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 39 & 39 & 117 & -11 \end{bmatrix}$$

$$3341, 3061, \begin{bmatrix} 6 & 55 \\ 55 & -6 \end{bmatrix}$$

$$3342, 52045, \begin{bmatrix} 1 & 2 & 102 \\ 2 & -1 & 0 \\ 102 & 204 & -5 \end{bmatrix}$$

$$3343, 471, [471]$$

$$3344, 2976, \begin{bmatrix} 1 & 1 & 1 & 1 & 5 & 8 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 7 & 7 & 7 & 7 & 4 & -6 \\ 1 & 1 & 1 & 1 & -4 & 2 \end{bmatrix}$$

$$3345, 30121, \begin{bmatrix} 2 & 3 & 48 \\ 3 & -2 & 0 \\ 96 & 144 & -13 \end{bmatrix}$$

$$3346, 46257, \begin{bmatrix} 1 & 4 & 52 \\ 4 & -1 & 0 \\ 52 & 208 & -17 \end{bmatrix}$$

$$3347, 472, [472]$$

$$3348, 3240, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 11 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 0 & -1 & 0 & 0 \\ 3 & 3 & 1 & 6 & 1 & -2 \\ 1 & 1 & -7 & 2 & -7 & 2 \end{bmatrix}$$

$$3349, 2074, \begin{bmatrix} 7 & 45 \\ 45 & -7 \end{bmatrix}$$

$$3350, 760, \begin{bmatrix} 1 & 3 & 3 & 19 \\ 0 & 1 & -1 & 0 \\ 1 & 3 & 3 & -1 \\ 6 & -1 & -1 & 0 \end{bmatrix}$$

$$3351, 34973, \begin{bmatrix} 2 & 187 \\ 187 & -2 \end{bmatrix}$$

$$3352, 13128, \begin{bmatrix} 1 & 1 & 1 & 81 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 27 & 27 & 27 & -1 \end{bmatrix}$$

$$3353, 2120, \begin{bmatrix} 4 & 92 \\ 23 & -1 \end{bmatrix}$$

$$3354, 4266, \begin{bmatrix} 1 & 2 & 6 & 14 \\ 0 & 1 & 2 & -1 \\ 2 & 2 & -1 & 0 \\ 28 & -23 & 10 & -3 \end{bmatrix}$$

$$3355, 3938, \begin{bmatrix} 3 & 5 & 18 \\ 1 & 3 & -1 \\ 59 & -21 & -4 \end{bmatrix}$$

$$3356, 21318, \begin{bmatrix} 1 & 1 & 146 \\ 1 & -1 & 0 \\ 73 & 73 & -1 \end{bmatrix}$$

$$3357, 5484, \begin{bmatrix} 2 & 2 & 74 \\ 1 & -1 & 0 \\ 37 & 37 & -2 \end{bmatrix}$$

$$3358, 7322, \begin{bmatrix} 1 & 9 & 21 \\ 3 & 2 & -1 \\ 51 & -64 & 25 \end{bmatrix}$$

3359, 473, [473]

$$3360, 5508, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 3 & 4 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & 1 & 1 & 1 & 0 & -1 & 0 \\ 1 & 0 & 0 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & -2 & 1 & 1 & -1 & 0 & 0 \\ 2 & 2 & 2 & 2 & 2 & 4 & 6 & -9 \end{bmatrix}$$

3361, 474, [474]

$$3362, 678, \begin{bmatrix} 1 & 13 & 13 \\ 0 & 1 & -1 \\ 26 & -1 & -1 \end{bmatrix}$$

$$3363, 357, \begin{bmatrix} 2 & 8 & 17 \\ 4 & -1 & 0 \\ 1 & 4 & -2 \end{bmatrix}$$

$$3364, 404, \begin{bmatrix} 1 & 1 & 10 & 10 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 10 & 10 & -1 & -1 \end{bmatrix}$$

$$3365, 14893, \begin{bmatrix} 3 & 122 \\ 122 & -3 \end{bmatrix}$$

$$3366, 3320, \begin{bmatrix} 1 & 2 & 2 & 5 & 7 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 0 & 1 & 1 & 2 & -2 \\ 35 & -13 & -13 & 9 & -4 \end{bmatrix}$$

$$3367, 490, \begin{bmatrix} 4 & 6 & 12 \\ 0 & 2 & -1 \\ 15 & -2 & -4 \end{bmatrix}$$

$$3368, 40362, \begin{bmatrix} 1 & 1 & 1 & 82 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 82 & 82 & 82 & -3 \end{bmatrix}$$

$$3369, 17674, \begin{bmatrix} 2 & 188 \\ 94 & -1 \end{bmatrix}$$

$$3370, 23170, \begin{bmatrix} 1 & 3 & 68 \\ 3 & -1 & 0 \\ 34 & 102 & -5 \end{bmatrix}$$

$$3371, 475, [475]$$

$$3372, 3606, \begin{bmatrix} 1 & 1 & 2 & 60 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 10 & 10 & 20 & -1 \end{bmatrix}$$

$$3373, 476, [476]$$

$$3374, 48042, \begin{bmatrix} 1 & 4 & 53 \\ 4 & -1 & 0 \\ 53 & 212 & -17 \end{bmatrix}$$

$$3375, 468, \begin{bmatrix} 2 & 2 & 2 & 3 & 3 & 3 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -2 & 1 \\ 3 & 3 & 3 & -2 & -2 & -2 \end{bmatrix}$$

$$3376, 17704, \begin{bmatrix} 1 & 1 & 1 & 1 & 47 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 47 & 47 & 47 & 47 & -4 \end{bmatrix}$$

$$3377, 3994, \begin{bmatrix} 5 & 63 \\ 63 & -5 \end{bmatrix}$$

$$3378, 53070, \begin{bmatrix} 1 & 2 & 103 \\ 2 & -1 & 0 \\ 103 & 206 & -5 \end{bmatrix}$$

$$3379, 962, \begin{bmatrix} 11 & 29 \\ 29 & -11 \end{bmatrix}$$

$$3380, 2988, \begin{bmatrix} 1 & 1 & 3 & 6 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 0 & 0 & 4 & -1 & -1 \\ 27 & 27 & -2 & -4 & -4 \end{bmatrix}$$

$$3381, 234, \begin{bmatrix} 2 & 4 & 4 & 9 \\ 0 & 1 & -1 & 0 \\ 1 & 2 & 2 & -2 \\ 4 & -1 & -1 & 0 \end{bmatrix}$$

$$3382, 6410, \begin{bmatrix} 1 & 8 & 24 \\ 0 & 3 & -1 \\ 80 & -1 & -3 \end{bmatrix}$$

$$3383, 2165, \begin{bmatrix} 7 & 46 \\ 46 & -7 \end{bmatrix}$$

$$3384, 26432, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 15 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & 2 & 1 & -1 & -1 & 0 \\ 0 & 3 & 0 & 3 & 3 & -1 \\ 35 & -24 & 35 & 11 & 11 & -6 \end{bmatrix}$$

$$3385, 5046, \begin{bmatrix} 3 & 123 \\ 41 & -1 \end{bmatrix}$$

$$3386, 69697, \begin{bmatrix} 1 & 264 \\ 264 & -1 \end{bmatrix}$$

$$3387, 35725, \begin{bmatrix} 2 & 189 \\ 189 & -2 \end{bmatrix}$$

$$3388, 544, \begin{bmatrix} 1 & 1 & 4 & 5 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & 2 & -1 & -1 \\ 7 & 7 & -6 & 1 & 1 \end{bmatrix}$$

$$3389, 477, [477]$$

$$3390, 19194, \begin{bmatrix} 1 & 2 & 3 & 30 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 15 & 30 & 45 & -7 \end{bmatrix}$$

3391, 478, [478]

$$3392, 6288, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 16 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 8 & 8 & 8 & 8 & 8 & 8 & -3 \end{bmatrix}$$

$$3393, 144, \begin{bmatrix} 2 & 2 & 6 & 10 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -3 & 1 \\ 1 & 1 & 1 & -1 \end{bmatrix}$$

$$3394, 70226, \begin{bmatrix} 1 & 265 \\ 265 & -1 \end{bmatrix}$$

$$3395, 650, \begin{bmatrix} 3 & 4 & 25 \\ 4 & -3 & 0 \\ 3 & 4 & -1 \end{bmatrix}$$

$$3396, 22362, \begin{bmatrix} 1 & 1 & 2 & 61 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 61 & 61 & 122 & -6 \end{bmatrix}$$

$$3397, 340, \begin{bmatrix} 14 & 22 \\ 11 & -7 \end{bmatrix}$$

$$3398, 70757, \begin{bmatrix} 1 & 266 \\ 266 & -1 \end{bmatrix}$$

$$3399, 17434, \begin{bmatrix} 2 & 5 & 27 \\ 6 & 3 & -1 \\ 43 & -82 & 12 \end{bmatrix}$$

$$3400, 560, \begin{bmatrix} 1 & 1 & 1 & 3 & 3 & 7 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & 0 & 1 & 1 & -1 \\ 2 & 2 & 2 & -1 & -1 & 0 \\ 2 & -3 & 2 & 1 & 1 & -1 \end{bmatrix}$$

$$3401, 1745, \begin{bmatrix} 8 & 41 \\ 41 & -8 \end{bmatrix}$$

$$3402, 3996, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 2 & 4 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 1 & -1 \\ 0 & 0 & 1 & -2 & 1 & 0 & 0 \\ 0 & 1 & -2 & -2 & -2 & 1 & 2 \\ 18 & -1 & -1 & -1 & -1 & -1 & -2 \end{bmatrix}$$

$$3403, 698, \begin{bmatrix} 13 & 23 \\ 23 & -13 \end{bmatrix}$$

$$3404, 5902, \begin{bmatrix} 1 & 1 & 9 & 12 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 2 & -2 \\ 21 & 21 & -38 & 25 \end{bmatrix}$$

$$3405, 31382, \begin{bmatrix} 2 & 3 & 49 \\ 3 & -2 & 0 \\ 98 & 147 & -13 \end{bmatrix}$$

$$3406, 31830, \begin{bmatrix} 1 & 6 & 32 \\ 2 & 5 & -1 \\ 166 & -65 & 7 \end{bmatrix}$$

$$3407, 479, [479]$$

$$3408, 3264, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 20 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 5 & 5 & 5 & 5 & 10 & -2 \end{bmatrix}$$

$$3409, 8665, \begin{bmatrix} 4 & 93 \\ 93 & -4 \end{bmatrix}$$

$$3410, 936, \begin{bmatrix} 1 & 3 & 5 & 11 \\ 2 & 1 & -1 & 0 \\ 1 & 0 & 2 & -1 \\ 5 & -11 & -1 & 3 \end{bmatrix}$$

$$3411, 11266, \begin{bmatrix} 2 & 2 & 75 \\ 1 & -1 & 0 \\ 75 & 75 & -4 \end{bmatrix}$$

$$3412, 43222, \begin{bmatrix} 1 & 1 & 147 \\ 1 & -1 & 0 \\ 147 & 147 & -2 \end{bmatrix}$$

$$3413, 480, [480]$$

$$3414, 54105, \begin{bmatrix} 1 & 2 & 104 \\ 2 & -1 & 0 \\ 104 & 208 & -5 \end{bmatrix}$$

$$3415, 15385, \begin{bmatrix} 3 & 124 \\ 124 & -3 \end{bmatrix}$$

$$3416, 14406, \begin{bmatrix} 1 & 1 & 1 & 4 & 18 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 2 & 1 & -1 & 0 \\ 0 & 2 & 0 & 4 & -1 \\ 27 & -22 & 27 & 10 & -4 \end{bmatrix}$$

$$3417, 2070, \begin{bmatrix} 2 & 7 & 19 \\ 10 & -11 & 3 \\ 5 & 4 & -2 \end{bmatrix}$$

$$3418, 71290, \begin{bmatrix} 1 & 267 \\ 267 & -1 \end{bmatrix}$$

$$3419, 1586, \begin{bmatrix} 6 & 56 \\ 28 & -3 \end{bmatrix}$$

$$3420, 9960, \begin{bmatrix} 1 & 1 & 2 & 2 & 3 & 8 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 1 & 0 & -1 & -1 & 1 & 0 \\ 1 & 0 & 1 & 1 & 1 & -1 \\ 1 & 2 & 0 & 0 & -1 & 0 \\ 43 & -40 & 3 & 3 & -37 & 12 \end{bmatrix}$$

$$3421, 4121, \begin{bmatrix} 5 & 64 \\ 64 & -5 \end{bmatrix}$$

$$3422, 2730, \begin{bmatrix} 1 & 10 & 17 \\ 23 & -4 & 1 \\ 1 & 5 & -3 \end{bmatrix}$$

$$3423, 3660, \begin{bmatrix} 2 & 4 & 38 \\ 2 & -1 & 0 \\ 19 & 38 & -5 \end{bmatrix}$$

$$3424, 31560, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 28 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 28 & 28 & 28 & 28 & 28 & -5 \end{bmatrix}$$

$$3425, 738, \begin{bmatrix} 3 & 3 & 33 \\ 1 & -1 & 0 \\ 11 & 11 & -2 \end{bmatrix}$$

$$3426, 11030, \begin{bmatrix} 1 & 2 & 105 \\ 2 & -1 & 0 \\ 21 & 42 & -1 \end{bmatrix}$$

$$3427, 1306, \begin{bmatrix} 9 & 35 \\ 35 & -9 \end{bmatrix}$$

$$3428, 21906, \begin{bmatrix} 1 & 1 & 148 \\ 1 & -1 & 0 \\ 74 & 74 & -1 \end{bmatrix}$$

$$3429, 5838, \begin{bmatrix} 2 & 2 & 2 & 31 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 31 & 31 & 31 & -6 \end{bmatrix}$$

$$3430, 1740, \begin{bmatrix} 1 & 3 & 4 & 4 & 4 \\ 0 & 0 & 1 & 0 & -1 \\ 0 & 0 & 1 & -2 & 1 \\ 3 & -1 & 0 & 0 & 0 \\ 6 & 18 & -5 & -5 & -5 \end{bmatrix}$$

$$3431, 222, \begin{bmatrix} 15 & 21 \\ 7 & -5 \end{bmatrix}$$

$$3432, 3672, \begin{bmatrix} 1 & 1 & 1 & 2 & 5 & 6 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & -2 & 1 \\ 1 & 1 & 1 & 2 & 1 & -2 \\ 6 & 6 & 6 & -5 & -4 & 2 \end{bmatrix}$$

$$3433, 481, [481]$$

$$3434, 5082, \begin{bmatrix} 1 & 7 & 26 \\ 2 & -4 & 1 \\ 37 & 17 & -6 \end{bmatrix}$$

$$3435, 32669, \begin{bmatrix} 2 & 3 & 50 \\ 3 & -2 & 0 \\ 100 & 150 & -13 \end{bmatrix}$$

$$3436, 44406, \begin{bmatrix} 1 & 1 & 149 \\ 1 & -1 & 0 \\ 149 & 149 & -2 \end{bmatrix}$$

$$3437, 4426, \begin{bmatrix} 4 & 94 \\ 47 & -2 \end{bmatrix}$$

$$3438, 33444, \begin{bmatrix} 1 & 2 & 2 & 43 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 43 & 86 & 86 & -9 \end{bmatrix}$$

$$3439, 914, \begin{bmatrix} 8 & 42 \\ 21 & -4 \end{bmatrix}$$

$$3440, 15884, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 14 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 1 & 4 & -1 \\ 4 & -1 & -1 & 4 & -2 & 0 \\ 3 & 14 & 14 & 3 & -2 & -2 \end{bmatrix}$$

$$3441, 2421, \begin{bmatrix} 2 & 11 & 12 \\ 1 & 2 & -2 \\ 46 & -16 & 7 \end{bmatrix}$$

$$3442, 71825, \begin{bmatrix} 1 & 268 \\ 268 & -1 \end{bmatrix}$$

$$3443, 850, \begin{bmatrix} 5 & 65 \\ 13 & -1 \end{bmatrix}$$

$$3444, 12606, \begin{bmatrix} 1 & 1 & 2 & 4 & 13 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 2 & 2 & 4 & -3 & 0 \\ 13 & 13 & 26 & 52 & -22 \end{bmatrix}$$

$$3445, 1505, \begin{bmatrix} 3 & 6 & 16 \\ 2 & -1 & 0 \\ 16 & 32 & -15 \end{bmatrix}$$

$$3446, 72362, \begin{bmatrix} 1 & 269 \\ 269 & -1 \end{bmatrix}$$

$$3447, 2892, \begin{bmatrix} 2 & 2 & 76 \\ 1 & -1 & 0 \\ 19 & 19 & -1 \end{bmatrix}$$

$$3448, 41352, \begin{bmatrix} 1 & 1 & 1 & 83 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 83 & 83 & 83 & -3 \end{bmatrix}$$

$$3449, 482, [482]$$

$$3450, 1248, \begin{bmatrix} 1 & 2 & 3 & 3 & 9 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & -1 & -1 & 1 \\ 3 & 0 & 1 & 1 & -1 \\ 3 & 6 & -4 & -4 & 1 \end{bmatrix}$$

$$3451, 330, \begin{bmatrix} 4 & 7 & 10 \\ 9 & 2 & -5 \\ 1 & -2 & 1 \end{bmatrix}$$

$$3452, 22502, \begin{bmatrix} 1 & 1 & 150 \\ 1 & -1 & 0 \\ 75 & 75 & -1 \end{bmatrix}$$

$$3453, 18052, \begin{bmatrix} 2 & 190 \\ 95 & -1 \end{bmatrix}$$

$$3454, 25110, \begin{bmatrix} 1 & 5 & 37 \\ 13 & -10 & 1 \\ 25 & 32 & -5 \end{bmatrix}$$

$$3455, 15634, \begin{bmatrix} 3 & 125 \\ 125 & -3 \end{bmatrix}$$

$$3456, 16416, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 & 2 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & -2 & 1 \\ 1 & 1 & 1 & 0 & 1 & 1 & 1 & -1 & -1 & -1 \\ 1 & 1 & -2 & 0 & -2 & 1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & -18 & 1 & 1 & 1 & 2 & 2 & 2 \end{bmatrix}$$

$$3457, 483, [483]$$

$$3458, 702, \begin{bmatrix} 1 & 4 & 6 & 8 \\ 2 & 1 & -1 & 0 \\ 2 & -1 & 3 & -2 \\ 2 & -5 & -1 & 3 \end{bmatrix}$$

$$3459, 36485, \begin{bmatrix} 2 & 191 \\ 191 & -2 \end{bmatrix}$$

$$3460, 35442, \begin{bmatrix} 1 & 1 & 3 & 40 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 40 & 40 & 120 & -11 \end{bmatrix}$$

$$3461, 484, [484]$$

$$3462, 56205, \begin{bmatrix} 1 & 2 & 106 \\ 2 & -1 & 0 \\ 106 & 212 & -5 \end{bmatrix}$$

3463, 485, [485]

$$3464, 14118, \begin{bmatrix} 1 & 1 & 1 & 84 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 28 & 28 & 28 & -1 \end{bmatrix}$$

$$3465, 1740, \begin{bmatrix} 2 & 2 & 3 & 4 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -2 & 1 \\ 1 & 1 & 2 & 0 & -2 \\ 12 & 12 & -11 & -5 & 1 \end{bmatrix}$$

$$3466, 72901, \begin{bmatrix} 1 & 270 \\ 270 & -1 \end{bmatrix}$$

3467, 486, [486]

$$3468, 624, \begin{bmatrix} 1 & 1 & 2 & 7 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & -1 & 0 & 0 \\ 7 & 7 & 14 & -3 & -3 \end{bmatrix}$$

3469, 487, [487]

$$3470, 47710, \begin{bmatrix} 1 & 3 & 69 \\ 3 & -1 & 0 \\ 69 & 207 & -10 \end{bmatrix}$$

$$3471, 1540, \begin{bmatrix} 2 & 6 & 24 \\ 3 & -5 & 1 \\ 9 & 5 & -2 \end{bmatrix}$$

$$3472, 5640, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 11 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & 0 \\ 11 & 11 & 11 & 11 & 44 & -20 \end{bmatrix}$$

$$3473, 153, \begin{bmatrix} 9 & 36 \\ 4 & -1 \end{bmatrix}$$

$$3474, 35010, \begin{bmatrix} 1 & 2 & 2 & 44 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 44 & 88 & 88 & -9 \end{bmatrix}$$

$$3475, 1174, \begin{bmatrix} 3 & 3 & 34 \\ 1 & -1 & 0 \\ 17 & 17 & -3 \end{bmatrix}$$

$$3476, 11242, \begin{bmatrix} 1 & 1 & 5 & 22 \\ 1 & -1 & 0 & 0 \\ 6 & 6 & 2 & -1 \\ 7 & 7 & -38 & 8 \end{bmatrix}$$

$$3477, 588, \begin{bmatrix} 2 & 8 & 18 \\ 11 & -5 & 1 \\ 1 & 2 & -1 \end{bmatrix}$$

$$3478, 2590, \begin{bmatrix} 1 & 12 & 15 \\ 15 & -5 & 3 \\ 3 & 6 & -5 \end{bmatrix}$$

$$3479, 216, \begin{bmatrix} 4 & 4 & 20 \\ 1 & -1 & 0 \\ 5 & 5 & -2 \end{bmatrix}$$

$$3480, 5568, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 10 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 & 0 \\ 0 & 1 & 0 & -2 & 1 & 0 \\ 1 & 0 & 1 & 1 & 2 & -1 \\ 9 & -20 & 9 & -11 & -2 & 3 \end{bmatrix}$$

$$3481, 34, \begin{bmatrix} 17 & 17 \\ 1 & -1 \end{bmatrix}$$

$$3482, 73442, \begin{bmatrix} 1 & 271 \\ 271 & -1 \end{bmatrix}$$

$$3483, 848, \begin{bmatrix} 2 & 2 & 2 & 2 & 14 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 7 & 7 & 7 & 7 & -4 \end{bmatrix}$$

$$3484, 798, \begin{bmatrix} 1 & 1 & 6 & 19 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -1 & 0 \\ 1 & 1 & 6 & -2 \end{bmatrix}$$

$$3485, 1362, \begin{bmatrix} 3 & 7 & 13 \\ 2 & 1 & -1 \\ 20 & -29 & 11 \end{bmatrix}$$

$$3486, 2750, \begin{bmatrix} 1 & 2 & 4 & 23 \\ 2 & -1 & 0 & 0 \\ 3 & 6 & 2 & -1 \\ 1 & 2 & -7 & 1 \end{bmatrix}$$

$$3487, 4381, \begin{bmatrix} 5 & 66 \\ 66 & -5 \end{bmatrix}$$

$$3488, 33840, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 29 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 29 & 29 & 29 & 29 & 29 & -5 \end{bmatrix}$$

$$3489, 18434, \begin{bmatrix} 2 & 192 \\ 96 & -1 \end{bmatrix}$$

$$3490, 4910, \begin{bmatrix} 1 & 3 & 70 \\ 3 & -1 & 0 \\ 7 & 21 & -1 \end{bmatrix}$$

$$3491, 488, [488]$$

$$3492, 2540, \begin{bmatrix} 1 & 1 & 2 & 2 & 25 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 5 & 5 & 10 & 10 & -2 \end{bmatrix}$$

$$3493, 9041, \begin{bmatrix} 4 & 95 \\ 95 & -4 \end{bmatrix}$$

$$3494, 73985, \begin{bmatrix} 1 & 272 \\ 272 & -1 \end{bmatrix}$$

$$3495, 33982, \begin{bmatrix} 2 & 3 & 51 \\ 3 & -2 & 0 \\ 102 & 153 & -13 \end{bmatrix}$$

$$3496, 6216, \begin{bmatrix} 1 & 1 & 1 & 8 & 9 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 3 & 3 & 3 & 0 & -1 \\ 2 & 2 & 2 & -21 & 18 \end{bmatrix}$$

$$3497, 1095, \begin{bmatrix} 6 & 57 \\ 19 & -2 \end{bmatrix}$$

$$3498, 3146, \begin{bmatrix} 1 & 2 & 5 & 16 \\ 3 & 1 & -1 & 0 \\ 1 & 0 & 3 & -1 \\ 5 & -16 & -1 & 2 \end{bmatrix}$$

$$3499, 489, [489]$$

$$3500, 540, \begin{bmatrix} 1 & 1 & 3 & 3 & 3 & 4 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 0 & 0 & 1 & -2 & 1 & 0 \\ 2 & 2 & 0 & 0 & 0 & -1 \\ 1 & 1 & -2 & -2 & -2 & 4 \end{bmatrix}$$

$$3501, 11874, \begin{bmatrix} 2 & 2 & 77 \\ 1 & -1 & 0 \\ 77 & 77 & -4 \end{bmatrix}$$

$$3502, 14022, \begin{bmatrix} 1 & 7 & 27 \\ 1 & -4 & 1 \\ 115 & 26 & -11 \end{bmatrix}$$

$$3503, 1021, \begin{bmatrix} 11 & 30 \\ 30 & -11 \end{bmatrix}$$

$$3504, 14368, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 21 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 21 & 21 & 21 & 21 & 42 & -8 \end{bmatrix}$$

$$3505, 5295, \begin{bmatrix} 3 & 126 \\ 42 & -1 \end{bmatrix}$$

$$3506, 74530, \begin{bmatrix} 1 & 273 \\ 273 & -1 \end{bmatrix}$$

$$3507, 7705, \begin{bmatrix} 2 & 4 & 39 \\ 2 & -1 & 0 \\ 39 & 78 & -10 \end{bmatrix}$$

$$3508, 45606, \begin{bmatrix} 1 & 1 & 151 \\ 1 & -1 & 0 \\ 151 & 151 & -2 \end{bmatrix}$$

$$3509, 30, \begin{bmatrix} 5 & 5 & 10 \\ 1 & -1 & 0 \\ 1 & 1 & -1 \end{bmatrix}$$

$$3510, 4872, \begin{bmatrix} 1 & 2 & 2 & 2 & 3 & 6 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & 0 & -1 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 0 & -2 & 0 & -1 & 1 \\ 25 & 21 & -8 & 21 & 17 & -24 \end{bmatrix}$$

$$3511, 490, [490]$$

$$3512, 43368, \begin{bmatrix} 1 & 1 & 1 & 85 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 85 & 85 & 85 & -3 \end{bmatrix}$$

$$3513, 37253, \begin{bmatrix} 2 & 193 \\ 193 & -2 \end{bmatrix}$$

$$3514, 49861, \begin{bmatrix} 1 & 4 & 54 \\ 4 & -1 & 0 \\ 54 & 216 & -17 \end{bmatrix}$$

$$3515, 2387, \begin{bmatrix} 3 & 8 & 12 \\ 4 & 6 & -5 \\ 16 & -9 & 2 \end{bmatrix}$$

$$3516, 11550, \begin{bmatrix} 1 & 1 & 2 & 62 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 31 & 31 & 62 & -3 \end{bmatrix}$$

$$3517, 491, [491]$$

$$3518, 75077, \begin{bmatrix} 1 & 274 \\ 274 & -1 \end{bmatrix}$$

$$3519, 1380, \begin{bmatrix} 2 & 2 & 7 & 9 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 \\ 16 & 16 & -13 & 3 \end{bmatrix}$$

$$3520, 640, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 3 & 5 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 1 & 0 & 0 & 1 & -1 \\ 1 & 1 & -1 & -1 & 1 & 1 & 1 & -1 \\ 1 & 1 & 1 & 1 & 1 & 1 & -2 & 0 \end{bmatrix}$$

$$3521, 2308, \begin{bmatrix} 4 & 96 \\ 24 & -1 \end{bmatrix}$$

$$3522, 57270, \begin{bmatrix} 1 & 2 & 107 \\ 2 & -1 & 0 \\ 107 & 214 & -5 \end{bmatrix}$$

$$3523, 1700, \begin{bmatrix} 6 & 58 \\ 29 & -3 \end{bmatrix}$$

$$3524, 23106, \begin{bmatrix} 1 & 1 & 152 \\ 1 & -1 & 0 \\ 76 & 76 & -1 \end{bmatrix}$$

$$3525, 4693, \begin{bmatrix} 2 & 3 & 3 & 15 \\ 3 & 3 & 0 & -1 \\ 3 & -3 & 1 & 0 \\ 3 & -2 & -15 & 3 \end{bmatrix}$$

$$3526, 366, \begin{bmatrix} 1 & 13 & 14 \\ 9 & -5 & 4 \\ 1 & 1 & -1 \end{bmatrix}$$

3527, 492, [492]

$$3528, 5160, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 4 & 4 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & 2 & -1 & -1 \\ 20 & 20 & 20 & -3 & -3 & -6 & -6 \end{bmatrix}$$

3529, 493, [493]

$$3530, 50510, \begin{bmatrix} 1 & 3 & 71 \\ 3 & -1 & 0 \\ 71 & 213 & -10 \end{bmatrix}$$

$$3531, 8943, \begin{bmatrix} 2 & 5 & 28 \\ 4 & 4 & -1 \\ 39 & -38 & 4 \end{bmatrix}$$

$$3532, 46822, \begin{bmatrix} 1 & 1 & 153 \\ 1 & -1 & 0 \\ 153 & 153 & -2 \end{bmatrix}$$

3533, 494, [494]

$$3534, 760, \begin{bmatrix} 1 & 2 & 8 & 11 \\ 1 & 1 & 1 & -1 \\ 7 & -5 & -1 & 1 \\ 1 & 2 & -2 & 1 \end{bmatrix}$$

$$3535, 17525, \begin{bmatrix} 3 & 4 & 26 \\ 4 & -3 & 0 \\ 78 & 104 & -25 \end{bmatrix}$$

$$3536, 4806, \begin{bmatrix} 1 & 1 & 1 & 1 & 6 & 7 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 1 & -1 \\ 1 & 0 & -2 & 1 & 0 & 0 \\ 1 & -2 & 1 & 1 & 1 & -1 \\ 13 & 13 & 13 & 13 & -11 & 2 \end{bmatrix}$$

$$3537, 3108, \begin{bmatrix} 2 & 2 & 2 & 32 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 16 & 16 & 16 & -3 \end{bmatrix}$$

$$3538, 3825, \begin{bmatrix} 1 & 10 & 18 \\ 2 & -2 & 1 \\ 46 & 35 & -22 \end{bmatrix}$$

3539, 495, [495]

$$3540, 9120, \begin{bmatrix} 1 & 1 & 2 & 3 & 17 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 17 & 17 & 34 & 51 & -15 \end{bmatrix}$$

3541, 496, [496]

$$3542, 369, \begin{bmatrix} 1 & 4 & 5 & 9 \\ 1 & 1 & -1 & 0 \\ 0 & 1 & 1 & -1 \\ 9 & -5 & 4 & -1 \end{bmatrix}$$

$$3543, 18820, \begin{bmatrix} 2 & 194 \\ 97 & -1 \end{bmatrix}$$

$$3544, 44394, \begin{bmatrix} 1 & 1 & 1 & 86 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 86 & 86 & 86 & -3 \end{bmatrix}$$

$$3545, 16138, \begin{bmatrix} 3 & 127 \\ 127 & -3 \end{bmatrix}$$

$$3546, 4068, \begin{bmatrix} 1 & 2 & 2 & 45 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 5 & 10 & 10 & -1 \end{bmatrix}$$

$$3547, 497, [497]$$

$$3548, 23718, \begin{bmatrix} 1 & 1 & 154 \\ 1 & -1 & 0 \\ 77 & 77 & -1 \end{bmatrix}$$

$$3549, 460, \begin{bmatrix} 2 & 4 & 6 & 6 \\ 0 & 0 & 1 & -1 \\ 2 & 2 & -1 & -1 \\ 8 & -7 & 1 & 1 \end{bmatrix}$$

$$3550, 15922, \begin{bmatrix} 1 & 3 & 3 & 20 \\ 0 & 1 & -1 & 0 \\ 6 & -1 & -1 & 0 \\ 20 & 60 & 60 & -19 \end{bmatrix}$$

$$3551, 617, \begin{bmatrix} 16 & 19 \\ 19 & -16 \end{bmatrix}$$

$$3552, 5508, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 12 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 \\ 4 & 4 & 4 & 4 & 4 & 8 & -3 \end{bmatrix}$$

$$3553, 966, \begin{bmatrix} 5 & 7 & 8 \\ 6 & -10 & 5 \\ 5 & 1 & -4 \end{bmatrix}$$

$$3554, 75626, \begin{bmatrix} 1 & 275 \\ 275 & -1 \end{bmatrix}$$

$$3555, 13026, \begin{bmatrix} 2 & 2 & 3 & 22 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 6 & -1 \\ 45 & 45 & -16 & -6 \end{bmatrix}$$

$$3556, 17622, \begin{bmatrix} 1 & 1 & 4 & 31 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 31 & 31 & 124 & -18 \end{bmatrix}$$

$$3557, 498, [498]$$

$$3558, 58345, \begin{bmatrix} 1 & 2 & 108 \\ 2 & -1 & 0 \\ 108 & 216 & -5 \end{bmatrix}$$

$$3559, 499, [499]$$

$$3560, 1176, \begin{bmatrix} 1 & 1 & 1 & 3 & 24 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & 6 & -1 \end{bmatrix}$$

$$3561, 38029, \begin{bmatrix} 2 & 195 \\ 195 & -2 \end{bmatrix}$$

$$3562, 25898, \begin{bmatrix} 1 & 6 & 33 \\ 3 & -6 & 1 \\ 102 & 49 & -12 \end{bmatrix}$$

$$3563, 9425, \begin{bmatrix} 4 & 97 \\ 97 & -4 \end{bmatrix}$$

$$3564, 3440, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 2 & 5 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -2 \\ 18 & 18 & -7 & -7 & -7 & -7 & 4 \end{bmatrix}$$

$$3565, 2110, \begin{bmatrix} 3 & 9 & 11 \\ 3 & -1 & 0 \\ 11 & 33 & -30 \end{bmatrix}$$

$$3566, 76177, \begin{bmatrix} 1 & 276 \\ 276 & -1 \end{bmatrix}$$

$$3567, 546, \begin{bmatrix} 2 & 10 & 13 \\ 5 & -1 & 0 \\ 1 & 5 & -4 \end{bmatrix}$$

$$3568, 4616, \begin{bmatrix} 1 & 1 & 1 & 1 & 48 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 12 & 12 & 12 & 12 & -1 \end{bmatrix}$$

$$3569, 725, \begin{bmatrix} 14 & 23 \\ 23 & -14 \end{bmatrix}$$

$$3570, 3792, \begin{bmatrix} 1 & 2 & 3 & 4 & 7 \\ 1 & 0 & 1 & -1 & 0 \\ 1 & 1 & 0 & 1 & -1 \\ 1 & 1 & -2 & -1 & 1 \\ 23 & -33 & -10 & 13 & 3 \end{bmatrix}$$

$$3571, 500, [500]$$

$$3572, 6402, \begin{bmatrix} 1 & 1 & 8 & 15 \\ 1 & -1 & 0 & 0 \\ 4 & 4 & -1 & 0 \\ 5 & 5 & 40 & -22 \end{bmatrix}$$

$$3573, 6092, \begin{bmatrix} 2 & 2 & 78 \\ 1 & -1 & 0 \\ 39 & 39 & -2 \end{bmatrix}$$

$$3574, 76730, \begin{bmatrix} 1 & 277 \\ 277 & -1 \end{bmatrix}$$

$$3575, 474, \begin{bmatrix} 3 & 3 & 5 & 6 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 0 & -1 \\ 5 & 5 & -18 & 10 \end{bmatrix}$$

$$3576, 7392, \begin{bmatrix} 1 & 1 & 1 & 2 & 35 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 5 & 5 & 5 & 10 & -1 \end{bmatrix}$$

$$3577, 946, \begin{bmatrix} 4 & 4 & 21 \\ 1 & -1 & 0 \\ 21 & 21 & -8 \end{bmatrix}$$

$$3578, 77285, \begin{bmatrix} 1 & 278 \\ 278 & -1 \end{bmatrix}$$

$$3579, 19210, \begin{bmatrix} 2 & 196 \\ 98 & -1 \end{bmatrix}$$

$$3580, 37224, \begin{bmatrix} 1 & 1 & 3 & 41 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 41 & 41 & 123 & -11 \end{bmatrix}$$

$$3581, 501, [501]$$

$$3582, 38250, \begin{bmatrix} 1 & 2 & 2 & 46 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 46 & 92 & 92 & -9 \end{bmatrix}$$

3583, 502, [502]

$$3584, 8000, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 4 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & -1 & 0 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 & 0 & 0 & 1 & 1 & -1 \\ 0 & 0 & 1 & 1 & -4 & 1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -4 & -4 & -4 & -4 & -4 & 1 & 1 & 4 \end{bmatrix}$$

$$3585, 2717, \begin{bmatrix} 2 & 3 & 52 \\ 3 & -2 & 0 \\ 8 & 12 & -1 \end{bmatrix}$$

$$3586, 10290, \begin{bmatrix} 1 & 5 & 38 \\ 12 & -10 & 1 \\ 11 & 13 & -2 \end{bmatrix}$$

$$3587, 2258, \begin{bmatrix} 7 & 47 \\ 47 & -7 \end{bmatrix}$$

$$3588, 1722, \begin{bmatrix} 1 & 1 & 2 & 6 & 9 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & 2 & -2 \\ 5 & 5 & 10 & -11 & 4 \end{bmatrix}$$

$$3589, 769, \begin{bmatrix} 12 & 25 \\ 25 & -12 \end{bmatrix}$$

$$3590, 25970, \begin{bmatrix} 1 & 3 & 72 \\ 3 & -1 & 0 \\ 36 & 108 & -5 \end{bmatrix}$$

$$3591, 1380, \begin{bmatrix} 2 & 2 & 2 & 4 & 8 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 2 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 10 & 10 & 10 & -3 & -6 \end{bmatrix}$$

$$3592, 15144, \begin{bmatrix} 1 & 1 & 1 & 87 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 29 & 29 & 29 & -1 \end{bmatrix}$$

$$3593, 503, [503]$$

$$3594, 59430, \begin{bmatrix} 1 & 2 & 109 \\ 2 & -1 & 0 \\ 109 & 218 & -5 \end{bmatrix}$$

$$3595, 16393, \begin{bmatrix} 3 & 128 \\ 128 & -3 \end{bmatrix}$$

$$3596, 2230, \begin{bmatrix} 1 & 1 & 10 & 11 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 \\ 21 & 21 & -13 & 8 \end{bmatrix}$$

$$3597, 870, \begin{bmatrix} 2 & 5 & 29 \\ 5 & -2 & 0 \\ 2 & 5 & -1 \end{bmatrix}$$

$$3598, 33462, \begin{bmatrix} 1 & 4 & 55 \\ 1 & -14 & 1 \\ 43 & 3 & -1 \end{bmatrix}$$

$$3599, 613, \begin{bmatrix} 17 & 18 \\ 18 & -17 \end{bmatrix}$$

$$3600, 480, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 3 & 3 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 2 & 2 & -2 & -2 \end{bmatrix}$$

$$3601, 3517, \begin{bmatrix} 6 & 59 \\ 59 & -6 \end{bmatrix}$$

$$3602, 77842, \begin{bmatrix} 1 & 279 \\ 279 & -1 \end{bmatrix}$$

$$3603, 38813, \begin{bmatrix} 2 & 197 \\ 197 & -2 \end{bmatrix}$$

$$3604, 4298, \begin{bmatrix} 1 & 1 & 7 & 16 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -1 \\ 39 & 39 & -34 & 10 \end{bmatrix}$$

$$3605, 5278, \begin{bmatrix} 3 & 4 & 27 \\ 19 & 6 & -3 \\ 3 & -9 & 1 \end{bmatrix}$$

$$3606, 12105, \begin{bmatrix} 1 & 2 & 110 \\ 2 & -1 & 0 \\ 22 & 44 & -1 \end{bmatrix}$$

3607, 504, [504]

$$3608, 9456, \begin{bmatrix} 1 & 1 & 1 & 5 & 13 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & 2 & -1 \\ 31 & 31 & 31 & -42 & 9 \end{bmatrix}$$

$$3609, 12498, \begin{bmatrix} 2 & 2 & 79 \\ 1 & -1 & 0 \\ 79 & 79 & -4 \end{bmatrix}$$

$$3610, 1380, \begin{bmatrix} 1 & 3 & 8 & 8 \\ 0 & 0 & 1 & -1 \\ 3 & -1 & 0 & 0 \\ 8 & 24 & -5 & -5 \end{bmatrix}$$

$$3611, 1450, \begin{bmatrix} 9 & 37 \\ 37 & -9 \end{bmatrix}$$

$$3612, 7194, \begin{bmatrix} 1 & 1 & 2 & 4 & 14 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 2 & 2 & 4 & -3 & 0 \\ 7 & 7 & 14 & 28 & -11 \end{bmatrix}$$

3613, 505, [505]

$$3614, 44141, \begin{bmatrix} 1 & 6 & 34 \\ 6 & -1 & 0 \\ 34 & 204 & -37 \end{bmatrix}$$

$$3615, 25398, \begin{bmatrix} 2 & 3 & 53 \\ 16 & 7 & -1 \\ 11 & -25 & 1 \end{bmatrix}$$

$$3616, 7240, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 30 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 6 & 6 & 6 & 6 & 6 & -1 \end{bmatrix}$$

3617, 506, [506]

$$3618, 12716, \begin{bmatrix} 1 & 2 & 2 & 2 & 19 \\ 0 & 1 & 0 & -1 & 0 \\ 4 & 1 & -4 & 1 & 0 \\ 3 & 2 & 4 & 2 & -1 \\ 7 & -8 & 3 & -8 & 1 \end{bmatrix}$$

$$3619, 1330, \begin{bmatrix} 4 & 5 & 15 \\ 0 & 3 & -1 \\ 25 & -2 & -6 \end{bmatrix}$$

$$3620, 39050, \begin{bmatrix} 1 & 1 & 3 & 42 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -16 & 1 \\ 27 & 27 & 10 & -2 \end{bmatrix}$$

$$3621, 4983, \begin{bmatrix} 2 & 7 & 20 \\ 4 & -4 & 1 \\ 29 & 26 & -12 \end{bmatrix}$$

$$3622, 78401, \begin{bmatrix} 1 & 280 \\ 280 & -1 \end{bmatrix}$$

3623, 507, [507]

$$3624, 54726, \begin{bmatrix} 1 & 1 & 1 & 2 & 36 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 36 & 36 & 36 & 72 & -7 \end{bmatrix}$$

$$3625, 762, \begin{bmatrix} 3 & 3 & 3 & 10 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 10 & 10 & 10 & -9 \end{bmatrix}$$

$$3626, 3894, \begin{bmatrix} 1 & 4 & 4 & 12 \\ 0 & 1 & -1 & 0 \\ 8 & -1 & -1 & 0 \\ 4 & 16 & 16 & -11 \end{bmatrix}$$

$$3627, 330, \begin{bmatrix} 2 & 2 & 6 & 11 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 3 & -2 \\ 3 & 3 & -2 & 0 \end{bmatrix}$$

$$3628, 48054, \begin{bmatrix} 1 & 1 & 155 \\ 1 & -1 & 0 \\ 155 & 155 & -2 \end{bmatrix}$$

$$3629, 1913, \begin{bmatrix} 8 & 43 \\ 43 & -8 \end{bmatrix}$$

$$3630, 1536, \begin{bmatrix} 1 & 2 & 3 & 5 & 5 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 3 & 2 & 1 & -1 & -1 \\ 7 & -2 & -11 & 3 & 3 \end{bmatrix}$$

$$3631, 508, [508]$$

$$3632, 19240, \begin{bmatrix} 1 & 1 & 1 & 1 & 49 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 49 & 49 & 49 & 49 & -4 \end{bmatrix}$$

$$3633, 810, \begin{bmatrix} 2 & 4 & 40 \\ 2 & -1 & 0 \\ 4 & 8 & -1 \end{bmatrix}$$

$$3634, 8490, \begin{bmatrix} 1 & 9 & 22 \\ 1 & -5 & 2 \\ 64 & 10 & -7 \end{bmatrix}$$

$$3635, 5550, \begin{bmatrix} 3 & 129 \\ 43 & -1 \end{bmatrix}$$

$$3636, 6860, \begin{bmatrix} 1 & 1 & 2 & 2 & 26 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 13 & 13 & 26 & 26 & -5 \end{bmatrix}$$

3637, 509, [509]

$$3638, 14178, \begin{bmatrix} 1 & 7 & 28 \\ 7 & 7 & -2 \\ 35 & -33 & 7 \end{bmatrix}$$

$$3639, 19604, \begin{bmatrix} 2 & 198 \\ 99 & -1 \end{bmatrix}$$

$$3640, 3072, \begin{bmatrix} 1 & 1 & 1 & 3 & 4 & 6 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 3 & 0 & -2 \\ 1 & 1 & 1 & 3 & -12 & 6 \end{bmatrix}$$

$$3641, 4514, \begin{bmatrix} 5 & 67 \\ 67 & -5 \end{bmatrix}$$

$$3642, 61630, \begin{bmatrix} 1 & 2 & 111 \\ 2 & -1 & 0 \\ 111 & 222 & -5 \end{bmatrix}$$

3643, 510, [510]

$$3644, 24338, \begin{bmatrix} 1 & 1 & 156 \\ 1 & -1 & 0 \\ 78 & 78 & -1 \end{bmatrix}$$

$$3645, 528, \begin{bmatrix} 2 & 2 & 2 & 2 & 2 & 2 & 3 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -4 \end{bmatrix}$$

$$3646, 78962, \begin{bmatrix} 1 & 281 \\ 281 & -1 \end{bmatrix}$$

$$3647, 4810, \begin{bmatrix} 4 & 98 \\ 49 & -2 \end{bmatrix}$$

$$3648, 8880, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 8 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -3 & 0 \\ 4 & 4 & 4 & 4 & 4 & 4 & 8 & -5 \end{bmatrix}$$

$$3649, 745, \begin{bmatrix} 13 & 24 \\ 24 & -13 \end{bmatrix}$$

$$3650, 6440, \begin{bmatrix} 1 & 3 & 3 & 21 \\ 0 & 1 & -1 & 0 \\ 3 & 3 & 3 & -1 \\ 33 & -16 & -16 & 3 \end{bmatrix}$$

$$3651, 39605, \begin{bmatrix} 2 & 199 \\ 199 & -2 \end{bmatrix}$$

$$3652, 7784, \begin{bmatrix} 1 & 1 & 5 & 23 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -5 & 1 \\ 30 & 30 & 11 & -5 \end{bmatrix}$$

$$3653, 606, \begin{bmatrix} 6 & 60 \\ 10 & -1 \end{bmatrix}$$

$$3654, 3125, \begin{bmatrix} 1 & 2 & 2 & 4 & 10 \\ 2 & 0 & -1 & 0 & 0 \\ 0 & 2 & 0 & -1 & 0 \\ 2 & -1 & 4 & -2 & 0 \\ 2 & 4 & 4 & 8 & -5 \end{bmatrix}$$

$$3655, 1270, \begin{bmatrix} 3 & 7 & 14 \\ 0 & 2 & -1 \\ 35 & -3 & -6 \end{bmatrix}$$

$$3656, 46482, \begin{bmatrix} 1 & 1 & 1 & 88 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 88 & 88 & 88 & -3 \end{bmatrix}$$

$$3657, 2046, \begin{bmatrix} 2 & 9 & 16 \\ 1 & -2 & 1 \\ 41 & 14 & -13 \end{bmatrix}$$

$$3658, 4110, \begin{bmatrix} 1 & 11 & 17 \\ 15 & 28 & -19 \\ 5 & -2 & 1 \end{bmatrix}$$

3659, 511, [511]

$$3660, 3390, \begin{bmatrix} 1 & 1 & 2 & 3 & 18 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 6 & 6 & 12 & 18 & -5 \end{bmatrix}$$

$$3661, 9817, \begin{bmatrix} 4 & 99 \\ 99 & -4 \end{bmatrix}$$

$$3662, 79525, \begin{bmatrix} 1 & 282 \\ 282 & -1 \end{bmatrix}$$

$$3663, 3894, \begin{bmatrix} 2 & 2 & 5 & 12 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & -4 & 0 \\ 8 & 8 & 20 & -11 \end{bmatrix}$$

$$3664, 10016, \begin{bmatrix} 1 & 1 & 1 & 1 & 50 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 25 & 25 & 25 & 25 & -2 \end{bmatrix}$$

$$3665, 16909, \begin{bmatrix} 3 & 130 \\ 130 & -3 \end{bmatrix}$$

$$3666, 3192, \begin{bmatrix} 1 & 2 & 6 & 15 \\ 1 & 1 & -3 & 1 \\ 1 & -5 & -1 & 1 \\ 10 & 1 & 3 & -2 \end{bmatrix}$$

$$3667, 500, \begin{bmatrix} 8 & 44 \\ 11 & -2 \end{bmatrix}$$

$$3668, 9378, \begin{bmatrix} 1 & 1 & 4 & 32 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 16 & 16 & 64 & -9 \end{bmatrix}$$

$$3669, 20002, \begin{bmatrix} 2 & 200 \\ 100 & -1 \end{bmatrix}$$

$$3670, 53390, \begin{bmatrix} 1 & 3 & 73 \\ 3 & -1 & 0 \\ 73 & 219 & -10 \end{bmatrix}$$

3671, 512, [512]

$$3672, 6144, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 & 7 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & 2 & 0 & -1 \\ 1 & 1 & 1 & 2 & -2 & 2 & -1 \\ 5 & 5 & 5 & -6 & -6 & -6 & 3 \end{bmatrix}$$

3673, 513, [513]

$$3674, 3094, \begin{bmatrix} 1 & 5 & 39 \\ 5 & -1 & 0 \\ 3 & 15 & -2 \end{bmatrix}$$

$$3675, 324, \begin{bmatrix} 2 & 3 & 3 & 4 & 4 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 4 & 0 & 0 & -1 & -1 \\ 1 & -3 & -3 & 2 & 2 \end{bmatrix}$$

$$3676, 49302, \begin{bmatrix} 1 & 1 & 157 \\ 1 & -1 & 0 \\ 157 & 157 & -2 \end{bmatrix}$$

3677, 514, [514]

$$3678, 62745, \begin{bmatrix} 1 & 2 & 112 \\ 2 & -1 & 0 \\ 112 & 224 & -5 \end{bmatrix}$$

$$3679, 3757, \begin{bmatrix} 6 & 61 \\ 61 & -6 \end{bmatrix}$$

$$3680, 7600, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 3 & 9 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 3 & -1 \\ 1 & 1 & -4 & 1 & 1 & 0 & 0 \\ 6 & 6 & 6 & 6 & 6 & -1 & -3 \end{bmatrix}$$

$$3681, 3204, \begin{bmatrix} 2 & 2 & 80 \\ 1 & -1 & 0 \\ 20 & 20 & -1 \end{bmatrix}$$

$$3682, 53601, \begin{bmatrix} 1 & 4 & 56 \\ 4 & -1 & 0 \\ 56 & 224 & -17 \end{bmatrix}$$

$$3683, 1061, \begin{bmatrix} 10 & 31 \\ 31 & -10 \end{bmatrix}$$

$$3684, 7950, \begin{bmatrix} 1 & 1 & 2 & 63 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 21 & 21 & 42 & -2 \end{bmatrix}$$

$$3685, 2370, \begin{bmatrix} 3 & 5 & 19 \\ 20 & 7 & -5 \\ 2 & -5 & 1 \end{bmatrix}$$

$$3686, 7590, \begin{bmatrix} 1 & 8 & 25 \\ 7 & -4 & 1 \\ 18 & 29 & -10 \end{bmatrix}$$

$$3687, 40405, \begin{bmatrix} 2 & 201 \\ 201 & -2 \end{bmatrix}$$

$$3688, 47544, \begin{bmatrix} 1 & 1 & 1 & 89 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 89 & 89 & 89 & -3 \end{bmatrix}$$

$$3689, 186, \begin{bmatrix} 4 & 7 & 11 \\ 6 & -5 & 1 \\ 1 & 1 & -1 \end{bmatrix}$$

$$3690, 6171, \begin{bmatrix} 1 & 2 & 2 & 3 & 13 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 1 & 2 & 2 & -1 \\ 4 & -2 & -3 & 2 & 0 \\ 4 & -9 & 8 & -5 & 1 \end{bmatrix}$$

3691, 515, [515]

$$3692, 1752, \begin{bmatrix} 1 & 1 & 6 & 20 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 3 & -1 \\ 11 & 11 & -7 & 1 \end{bmatrix}$$

$$3693, 20404, \begin{bmatrix} 2 & 202 \\ 101 & -1 \end{bmatrix}$$

$$3694, 80090, \begin{bmatrix} 1 & 283 \\ 283 & -1 \end{bmatrix}$$

$$3695, 17170, \begin{bmatrix} 3 & 131 \\ 131 & -3 \end{bmatrix}$$

$$3696, 6174, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 4 & 5 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 1 & -1 \\ 1 & 2 & 0 & 1 & 2 & -2 & 0 \\ 1 & -2 & -3 & 1 & 2 & 1 & -1 \\ 2 & -5 & 9 & 2 & 4 & 1 & -4 \end{bmatrix}$$

3697, 516, [516]

$$3698, 786, \begin{bmatrix} 1 & 14 & 14 \\ 0 & 1 & -1 \\ 28 & -1 & -1 \end{bmatrix}$$

$$3699, 2202, \begin{bmatrix} 2 & 2 & 2 & 33 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 11 & 11 & 11 & -2 \end{bmatrix}$$

$$3700, 1640, \begin{bmatrix} 1 & 1 & 3 & 3 & 12 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 3 & 3 & -1 & -1 & 0 \\ 3 & 3 & 9 & 9 & -5 \end{bmatrix}$$

3701, 517, [517]

$$3702, 63870, \begin{bmatrix} 1 & 2 & 113 \\ 2 & -1 & 0 \\ 113 & 226 & -5 \end{bmatrix}$$

$$3703, 178, \begin{bmatrix} 4 & 9 & 9 \\ 0 & 1 & -1 \\ 9 & -2 & -2 \end{bmatrix}$$

$$3704, 16206, \begin{bmatrix} 1 & 1 & 1 & 90 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 30 & 30 & 30 & -1 \end{bmatrix}$$

$$3705, 3390, \begin{bmatrix} 2 & 3 & 6 & 8 \\ 1 & 0 & 1 & -1 \\ 2 & -2 & -1 & 1 \\ 28 & 42 & -29 & -1 \end{bmatrix}$$

$$3706, 5346, \begin{bmatrix} 1 & 7 & 29 \\ 1 & 4 & -1 \\ 41 & -10 & 1 \end{bmatrix}$$

$$3707, 4649, \begin{bmatrix} 5 & 68 \\ 68 & -5 \end{bmatrix}$$

$$3708, 14780, \begin{bmatrix} 1 & 1 & 2 & 2 & 27 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 27 & 27 & 54 & 54 & -10 \end{bmatrix}$$

$$3709, 518, [518]$$

$$3710, 4230, \begin{bmatrix} 1 & 3 & 4 & 16 \\ 1 & 1 & -1 & 0 \\ 1 & -3 & -2 & 1 \\ 29 & -7 & 22 & -6 \end{bmatrix}$$

$$3711, 41213, \begin{bmatrix} 2 & 203 \\ 203 & -2 \end{bmatrix}$$

$$3712, 35952, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 10 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & 0 & -2 & 1 & 1 & 0 \\ 1 & 1 & 1 & -6 & 1 & 1 & 1 & 0 \\ 10 & 10 & 10 & 10 & 10 & 10 & 10 & -7 \end{bmatrix}$$

$$3713, 709, \begin{bmatrix} 15 & 22 \\ 22 & -15 \end{bmatrix}$$

$$3714, 65005, \begin{bmatrix} 1 & 2 & 114 \\ 2 & -1 & 0 \\ 114 & 228 & -5 \end{bmatrix}$$

$$3715, 5811, \begin{bmatrix} 3 & 132 \\ 44 & -1 \end{bmatrix}$$

$$3716, 24966, \begin{bmatrix} 1 & 1 & 158 \\ 1 & -1 & 0 \\ 79 & 79 & -1 \end{bmatrix}$$

$$3717, 1878, \begin{bmatrix} 2 & 2 & 4 & 17 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 17 & 17 & 34 & -12 \end{bmatrix}$$

$$3718, 980, \begin{bmatrix} 1 & 5 & 6 & 6 \\ 0 & 0 & 1 & -1 \\ 2 & 2 & -1 & -1 \\ 17 & -13 & 4 & 4 \end{bmatrix}$$

$$3719, 519, [519]$$

$$3720, 17536, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 11 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 & 0 \\ 1 & -1 & 1 & -2 & 1 & 0 \\ 1 & -3 & 1 & 2 & -1 & 0 \\ 11 & 11 & 11 & 22 & 33 & -16 \end{bmatrix}$$

$$3721, 36, \begin{bmatrix} 18 & 18 \\ 1 & -1 \end{bmatrix}$$

$$3722, 80657, \begin{bmatrix} 1 & 284 \\ 284 & -1 \end{bmatrix}$$

$$3723, 2470, \begin{bmatrix} 2 & 7 & 21 \\ 0 & 3 & -1 \\ 35 & -1 & -3 \end{bmatrix}$$

$$3724, 588, \begin{bmatrix} 1 & 1 & 4 & 4 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 1 & 1 & -1 \\ 12 & 12 & -1 & -1 & -2 \end{bmatrix}$$

$$3725, 2486, \begin{bmatrix} 3 & 3 & 35 \\ 1 & -1 & 0 \\ 35 & 35 & -6 \end{bmatrix}$$

$$3726, 2352, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 9 \\ 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & -1 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & 1 & -1 \\ 22 & -5 & -5 & -5 & -5 & 2 \end{bmatrix}$$

3727, 520, [520]

$$3728, 20840, \begin{bmatrix} 1 & 1 & 1 & 1 & 51 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 51 & 51 & 51 & 51 & -4 \end{bmatrix}$$

$$3729, 26941, \begin{bmatrix} 2 & 5 & 30 \\ 5 & -2 & 0 \\ 60 & 150 & -29 \end{bmatrix}$$

$$3730, 27430, \begin{bmatrix} 1 & 3 & 74 \\ 3 & -1 & 0 \\ 37 & 111 & -5 \end{bmatrix}$$

$$3731, 221, \begin{bmatrix} 4 & 6 & 13 \\ 3 & -2 & 0 \\ 2 & 3 & -2 \end{bmatrix}$$

$$3732, 12306, \begin{bmatrix} 1 & 1 & 2 & 64 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 32 & 32 & 64 & -3 \end{bmatrix}$$

3733, 521, [521]

$$3734, 81226, \begin{bmatrix} 1 & 285 \\ 285 & -1 \end{bmatrix}$$

$$3735, 2184, \begin{bmatrix} 2 & 2 & 3 & 23 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & 1 & -1 \\ 1 & 1 & -9 & 1 \end{bmatrix}$$

$$3736, 49704, \begin{bmatrix} 1 & 1 & 1 & 91 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 91 & 91 & 91 & -3 \end{bmatrix}$$

$$3737, 410, \begin{bmatrix} 12 & 26 \\ 13 & -6 \end{bmatrix}$$

$$3738, 8358, \begin{bmatrix} 1 & 2 & 4 & 24 \\ 2 & 1 & -1 & 0 \\ 2 & -3 & 1 & 0 \\ 8 & 16 & 32 & -7 \end{bmatrix}$$

3739, 522, [522]

$$3740, 1020, \begin{bmatrix} 1 & 1 & 3 & 5 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -2 & 1 \\ 2 & 2 & 1 & 0 & -1 \\ 3 & 3 & -8 & -2 & 4 \end{bmatrix}$$

$$3741, 300, \begin{bmatrix} 2 & 10 & 14 \\ 4 & -5 & 3 \\ 2 & 1 & -1 \end{bmatrix}$$

$$3742, 81797, \begin{bmatrix} 1 & 286 \\ 286 & -1 \end{bmatrix}$$

$$3743, 2089, \begin{bmatrix} 8 & 45 \\ 45 & -8 \end{bmatrix}$$

$$3744, 12348, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 2 & 6 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & 0 & 2 & -1 \\ 0 & 2 & 2 & 2 & 0 & -3 & 0 & 0 \\ 1 & -6 & -6 & -6 & 1 & -12 & 2 & 6 \end{bmatrix}$$

$$3745, 20225, \begin{bmatrix} 3 & 4 & 28 \\ 4 & -3 & 0 \\ 84 & 112 & -25 \end{bmatrix}$$

$$3746, 82370, \begin{bmatrix} 1 & 287 \\ 287 & -1 \end{bmatrix}$$

$$3747, 20810, \begin{bmatrix} 2 & 204 \\ 102 & -1 \end{bmatrix}$$

$$3748, 50566, \begin{bmatrix} 1 & 1 & 159 \\ 1 & -1 & 0 \\ 159 & 159 & -2 \end{bmatrix}$$

$$3749, 1525, \begin{bmatrix} 9 & 38 \\ 38 & -9 \end{bmatrix}$$

$$3750, 1640, \begin{bmatrix} 1 & 2 & 3 & 3 & 3 & 3 \\ 0 & 0 & 1 & 0 & 0 & -1 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 1 & -1 & -1 & 1 \\ 2 & -1 & 0 & 0 & 0 & 0 \\ 12 & 24 & -5 & -5 & -5 & -5 \end{bmatrix}$$

$$3751, 342, \begin{bmatrix} 5 & 5 & 11 \\ 1 & -1 & 0 \\ 11 & 11 & -10 \end{bmatrix}$$

$$3752, 2280, \begin{bmatrix} 1 & 1 & 1 & 4 & 19 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & 4 & -1 \\ 4 & 4 & 4 & -3 & 0 \end{bmatrix}$$

$$3753, 3504, \begin{bmatrix} 2 & 2 & 2 & 34 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 17 & 17 & 17 & -3 \end{bmatrix}$$

$$3754, 82945, \begin{bmatrix} 1 & 288 \\ 288 & -1 \end{bmatrix}$$

$$3755, 17698, \begin{bmatrix} 3 & 133 \\ 133 & -3 \end{bmatrix}$$

$$3756, 25386, \begin{bmatrix} 1 & 1 & 2 & 65 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 65 & 65 & 130 & -6 \end{bmatrix}$$

$$3757, 134, \begin{bmatrix} 6 & 7 & 7 \\ 0 & 1 & -1 \\ 7 & -3 & -3 \end{bmatrix}$$

$$3758, 83522, \begin{bmatrix} 1 & 289 \\ 289 & -1 \end{bmatrix}$$

$$3759, 8505, \begin{bmatrix} 2 & 4 & 41 \\ 2 & -1 & 0 \\ 41 & 82 & -10 \end{bmatrix}$$

$$3760, 13328, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 15 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 2 & 1 & 1 & 2 & -2 & 0 \\ 0 & 3 & 3 & 0 & 3 & -1 \\ 10 & -7 & -7 & 10 & 13 & -3 \end{bmatrix}$$

3761, 523, [523]

$$3762, 1960, \begin{bmatrix} 1 & 2 & 2 & 5 & 8 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -1 & -1 & -1 & 1 \\ 23 & -3 & -3 & 17 & -12 \end{bmatrix}$$

$$3763, 164, \begin{bmatrix} 16 & 20 \\ 5 & -4 \end{bmatrix}$$

$$3764, 25602, \begin{bmatrix} 1 & 1 & 160 \\ 1 & -1 & 0 \\ 80 & 80 & -1 \end{bmatrix}$$

$$3765, 29290, \begin{bmatrix} 2 & 3 & 54 \\ 15 & 8 & -1 \\ 15 & -28 & 1 \end{bmatrix}$$

$$3766, 48990, \begin{bmatrix} 1 & 4 & 57 \\ 25 & 8 & -1 \\ 10 & -31 & 2 \end{bmatrix}$$

3767, 524, [524]

$$3768, 57792, \begin{bmatrix} 1 & 1 & 1 & 2 & 37 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 37 & 37 & 37 & 74 & -7 \end{bmatrix}$$

3769, 525, [525]

$$3770, 5256, \begin{bmatrix} 1 & 3 & 6 & 10 \\ 1 & 1 & 1 & -1 \\ 5 & -3 & -1 & 1 \\ 8 & 24 & -25 & 7 \end{bmatrix}$$

$$3771, 13138, \begin{bmatrix} 2 & 2 & 81 \\ 1 & -1 & 0 \\ 81 & 81 & -4 \end{bmatrix}$$

$$3772, 1512, \begin{bmatrix} 1 & 1 & 9 & 13 \\ 3 & 1 & 1 & -1 \\ 2 & -1 & -3 & 2 \\ 1 & -6 & 2 & -1 \end{bmatrix}$$

$$3773, 438, \begin{bmatrix} 4 & 4 & 4 & 5 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 5 & 5 & 5 & -12 \end{bmatrix}$$

$$3774, 1782, \begin{bmatrix} 1 & 2 & 7 & 12 \\ 2 & 0 & -2 & 1 \\ 1 & -4 & 1 & 0 \\ 7 & 3 & 5 & -4 \end{bmatrix}$$

$$3775, 438, \begin{bmatrix} 3 & 3 & 36 \\ 1 & -1 & 0 \\ 6 & 6 & -1 \end{bmatrix}$$

$$3776, 14160, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 17 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 17 & 17 & 17 & 17 & 17 & 17 & -6 \end{bmatrix}$$

$$3777, 42029, \begin{bmatrix} 2 & 205 \\ 205 & -2 \end{bmatrix}$$

$$3778, 84101, \begin{bmatrix} 1 & 290 \\ 290 & -1 \end{bmatrix}$$

$$3779, 526, [526]$$

$$3780, 1872, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 3 & 4 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 0 & 1 & 0 & 0 & -1 \\ 1 & 1 & -1 & -1 & -1 & 0 & 1 \\ 0 & 0 & 0 & 1 & 0 & -2 & 1 \\ 3 & 3 & 6 & -7 & 6 & -4 & -1 \end{bmatrix}$$

$$3781, 1090, \begin{bmatrix} 8 & 46 \\ 23 & -4 \end{bmatrix}$$

$$3782, 4906, \begin{bmatrix} 1 & 11 & 18 \\ 3 & 3 & -2 \\ 38 & -28 & 15 \end{bmatrix}$$

$$3783, 1330, \begin{bmatrix} 2 & 6 & 25 \\ 3 & -1 & 0 \\ 5 & 15 & -4 \end{bmatrix}$$

$$3784, 2688, \begin{bmatrix} 1 & 1 & 1 & 5 & 14 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 3 & 1 & -1 & 0 \\ 1 & 1 & 1 & 5 & -2 \\ 4 & -3 & 4 & -1 & 0 \end{bmatrix}$$

$$3785, 17965, \begin{bmatrix} 3 & 134 \\ 134 & -3 \end{bmatrix}$$

$$3786, 13230, \begin{bmatrix} 1 & 2 & 115 \\ 2 & -1 & 0 \\ 23 & 46 & -1 \end{bmatrix}$$

$$3787, 2504, \begin{bmatrix} 4 & 100 \\ 25 & -1 \end{bmatrix}$$

$$3788, 51846, \begin{bmatrix} 1 & 1 & 161 \\ 1 & -1 & 0 \\ 161 & 161 & -2 \end{bmatrix}$$

$$3789, 6732, \begin{bmatrix} 2 & 2 & 82 \\ 1 & -1 & 0 \\ 41 & 41 & -2 \end{bmatrix}$$

$$3790, 11270, \begin{bmatrix} 1 & 3 & 75 \\ 3 & -1 & 0 \\ 15 & 45 & -2 \end{bmatrix}$$

$$3791, 2353, \begin{bmatrix} 7 & 48 \\ 48 & -7 \end{bmatrix}$$

$$3792, 7872, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 22 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 11 & 11 & 11 & 11 & 22 & -4 \end{bmatrix}$$

$$3793, 527, [527]$$

$$3794, 33810, \begin{bmatrix} 1 & 4 & 58 \\ 2 & -15 & 1 \\ 38 & 5 & -1 \end{bmatrix}$$

$$3795, 357, \begin{bmatrix} 2 & 3 & 5 & 9 \\ 1 & 1 & -1 & 0 \\ 1 & -2 & -1 & 1 \\ 5 & -1 & 4 & -3 \end{bmatrix}$$

$$3796, 18202, \begin{bmatrix} 1 & 1 & 6 & 21 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -1 & 0 \\ 21 & 21 & 126 & -38 \end{bmatrix}$$

$$3797, 528, [528]$$

$$3798, 39924, \begin{bmatrix} 1 & 2 & 2 & 47 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 47 & 94 & 94 & -9 \end{bmatrix}$$

$$3799, 562, \begin{bmatrix} 10 & 32 \\ 16 & -5 \end{bmatrix}$$

$$3800, 3400, \begin{bmatrix} 1 & 1 & 1 & 3 & 3 & 8 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & 0 & 1 & 1 & 1 & -1 \\ 1 & 4 & 1 & -1 & -1 & 0 \\ 9 & -8 & 9 & -7 & -7 & 4 \end{bmatrix}$$

$$3801, 4460, \begin{bmatrix} 2 & 4 & 42 \\ 2 & -1 & 0 \\ 21 & 42 & -5 \end{bmatrix}$$

$$3802, 84682, \begin{bmatrix} 1 & 291 \\ 291 & -1 \end{bmatrix}$$

$$3803, 529, [529]$$

$$3804, 4362, \begin{bmatrix} 1 & 1 & 2 & 66 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 11 & 11 & 22 & -1 \end{bmatrix}$$

$$3805, 6078, \begin{bmatrix} 3 & 135 \\ 45 & -1 \end{bmatrix}$$

$$3806, 21138, \begin{bmatrix} 1 & 5 & 40 \\ 5 & -1 & 0 \\ 20 & 100 & -13 \end{bmatrix}$$

$$3807, 1928, \begin{bmatrix} 2 & 2 & 2 & 2 & 15 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 15 & 15 & 15 & 15 & -8 \end{bmatrix}$$

$$3808, 3920, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 4 & 7 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -1 & 1 & 1 & 1 & -1 \\ 1 & 1 & -2 & 1 & 1 & -4 & 2 \\ 2 & 2 & 7 & 2 & 2 & -2 & -1 \end{bmatrix}$$

$$3809, 1940, \begin{bmatrix} 6 & 62 \\ 31 & -3 \end{bmatrix}$$

$$3810, 9750, \begin{bmatrix} 1 & 2 & 3 & 31 \\ 2 & -1 & 0 & 0 \\ 5 & 10 & 2 & -1 \\ 1 & 2 & -12 & 1 \end{bmatrix}$$

$$3811, 291, \begin{bmatrix} 12 & 27 \\ 9 & -4 \end{bmatrix}$$

$$3812, 26246, \begin{bmatrix} 1 & 1 & 162 \\ 1 & -1 & 0 \\ 81 & 81 & -1 \end{bmatrix}$$

$$3813, 294, \begin{bmatrix} 2 & 11 & 13 \\ 8 & -5 & 3 \\ 1 & 1 & -1 \end{bmatrix}$$

$$3814, 85265, \begin{bmatrix} 1 & 292 \\ 292 & -1 \end{bmatrix}$$

$$3815, 21650, \begin{bmatrix} 3 & 4 & 29 \\ 4 & -3 & 0 \\ 87 & 116 & -25 \end{bmatrix}$$

$$3816, 35244, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 16 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 4 & 4 & 4 & -3 & -3 & 0 \\ 16 & 16 & 16 & 32 & 32 & -11 \end{bmatrix}$$

$$3817, 4786, \begin{bmatrix} 5 & 69 \\ 69 & -5 \end{bmatrix}$$

$$3818, 1222, \begin{bmatrix} 1 & 9 & 23 \\ 6 & 7 & -3 \\ 4 & -3 & 1 \end{bmatrix}$$

$$3819, 2145, \begin{bmatrix} 2 & 8 & 19 \\ 10 & 7 & -4 \\ 5 & -6 & 2 \end{bmatrix}$$

$$3820, 26040, \begin{bmatrix} 1 & 1 & 3 & 43 \\ 1 & -1 & 0 & 0 \\ 8 & 8 & 9 & -1 \\ 13 & 13 & -23 & 1 \end{bmatrix}$$

$$3821, 530, [530]$$

$$3822, 3942, \begin{bmatrix} 1 & 2 & 4 & 4 & 6 \\ 0 & 1 & 1 & 0 & -1 \\ 0 & 1 & 0 & -2 & 1 \\ 0 & 2 & -2 & 1 & 0 \\ 36 & -1 & -2 & -2 & -3 \end{bmatrix}$$

$$3823, 531, [531]$$

$$3824, 5416, \begin{bmatrix} 1 & 1 & 1 & 1 & 52 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 13 & 13 & 13 & 13 & -1 \end{bmatrix}$$

$$3825, 1200, \begin{bmatrix} 2 & 2 & 3 & 3 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & -3 & -3 & 2 \\ 9 & 9 & 1 & 1 & -6 \end{bmatrix}$$

$$3826, 85850, \begin{bmatrix} 1 & 293 \\ 293 & -1 \end{bmatrix}$$

$$3827, 386, \begin{bmatrix} 14 & 24 \\ 12 & -7 \end{bmatrix}$$

$$3828, 3930, \begin{bmatrix} 1 & 1 & 2 & 5 & 10 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 2 & -1 \\ 25 & 25 & 50 & -6 & -12 \end{bmatrix}$$

$$3829, 10217, \begin{bmatrix} 4 & 101 \\ 101 & -4 \end{bmatrix}$$

$$3830, 28930, \begin{bmatrix} 1 & 3 & 76 \\ 3 & -1 & 0 \\ 38 & 114 & -5 \end{bmatrix}$$

$$3831, 21220, \begin{bmatrix} 2 & 206 \\ 103 & -1 \end{bmatrix}$$

$$3832, 50802, \begin{bmatrix} 1 & 1 & 1 & 92 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 92 & 92 & 92 & -3 \end{bmatrix}$$

$$3841, 534, \begin{bmatrix} 9 & 39 \\ 13 & -3 \end{bmatrix}$$

$$3842, 4750, \begin{bmatrix} 1 & 7 & 30 \\ 7 & -1 & 0 \\ 3 & 21 & -5 \end{bmatrix}$$

$$3843, 348, \begin{bmatrix} 2 & 2 & 4 & 18 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 3 & 3 & 6 & -2 \end{bmatrix}$$

$$3844, 488, \begin{bmatrix} 1 & 1 & 11 & 11 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 11 & 11 & -1 & -1 \end{bmatrix}$$

$$3845, 18505, \begin{bmatrix} 3 & 136 \\ 136 & -3 \end{bmatrix}$$

$$3846, 67305, \begin{bmatrix} 1 & 2 & 116 \\ 2 & -1 & 0 \\ 116 & 232 & -5 \end{bmatrix}$$

$$3847, 533, [533]$$

$$3848, 1830, \begin{bmatrix} 1 & 1 & 1 & 6 & 12 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 2 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 10 & 10 & 10 & -1 & -2 \end{bmatrix}$$

$$3849, 21634, \begin{bmatrix} 2 & 208 \\ 104 & -1 \end{bmatrix}$$

$$3850, 120, \begin{bmatrix} 1 & 3 & 3 & 4 & 5 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & 0 & 0 & 1 & -1 \\ 2 & 1 & 1 & -2 & 0 \\ 1 & -1 & -1 & 0 & 1 \end{bmatrix}$$

3851, 534, [534]

$$3852, 7940, \begin{bmatrix} 1 & 1 & 2 & 2 & 28 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 14 & 14 & 28 & 28 & -5 \end{bmatrix}$$

3853, 535, [535]

$$3854, 2370, \begin{bmatrix} 1 & 13 & 15 \\ 2 & 1 & -1 \\ 28 & -31 & 25 \end{bmatrix}$$

$$3855, 39494, \begin{bmatrix} 2 & 3 & 55 \\ 3 & -2 & 0 \\ 110 & 165 & -13 \end{bmatrix}$$

$$3856, 22504, \begin{bmatrix} 1 & 1 & 1 & 1 & 53 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 53 & 53 & 53 & 53 & -4 \end{bmatrix}$$

$$3857, 90, \begin{bmatrix} 4 & 8 & 10 \\ 2 & -1 & 0 \\ 1 & 2 & -2 \end{bmatrix}$$

$$3858, 68470, \begin{bmatrix} 1 & 2 & 117 \\ 2 & -1 & 0 \\ 117 & 234 & -5 \end{bmatrix}$$

$$3859, 350, \begin{bmatrix} 7 & 49 \\ 7 & -1 \end{bmatrix}$$

$$3860, 3894, \begin{bmatrix} 1 & 1 & 3 & 44 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 4 & 4 & 12 & -1 \end{bmatrix}$$

$$3861, 1752, \begin{bmatrix} 2 & 2 & 2 & 5 & 6 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 5 & 5 & 5 & -24 & 15 \end{bmatrix}$$

$$3862, 86437, \begin{bmatrix} 1 & 294 \\ 294 & -1 \end{bmatrix}$$

3863, 536, [536]

$$3864, 2496, \begin{bmatrix} 1 & 1 & 1 & 2 & 4 & 9 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 1 & 1 & -1 & 0 \\ 1 & -1 & 1 & 0 & 2 & -1 \\ 0 & 3 & 0 & 1 & 1 & -1 \\ 3 & 3 & 3 & -7 & -1 & 1 \end{bmatrix}$$

$$3865, 18778, \begin{bmatrix} 3 & 137 \\ 137 & -3 \end{bmatrix}$$

$$3866, 87026, \begin{bmatrix} 1 & 295 \\ 295 & -1 \end{bmatrix}$$

$$3867, 43685, \begin{bmatrix} 2 & 209 \\ 209 & -2 \end{bmatrix}$$

$$3868, 53142, \begin{bmatrix} 1 & 1 & 163 \\ 1 & -1 & 0 \\ 163 & 163 & -2 \end{bmatrix}$$

$$3869, 697, \begin{bmatrix} 16 & 21 \\ 21 & -16 \end{bmatrix}$$

$$3870, 5778, \begin{bmatrix} 1 & 2 & 2 & 3 & 14 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 0 & -2 & 1 & 0 \\ 2 & -2 & 1 & 0 & 0 \\ 7 & 14 & 14 & 21 & -9 \end{bmatrix}$$

$$3871, 516, \begin{bmatrix} 4 & 4 & 22 \\ 1 & -1 & 0 \\ 11 & 11 & -4 \end{bmatrix}$$

$$3872, 880, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 5 & 5 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 & 0 \\ 2 & 2 & 2 & 2 & 2 & -1 & -1 \end{bmatrix}$$

$$3873, 22052, \begin{bmatrix} 2 & 210 \\ 105 & -1 \end{bmatrix}$$

$$3874, 23978, \begin{bmatrix} 1 & 6 & 35 \\ 1 & -6 & 1 \\ 108 & 17 & -6 \end{bmatrix}$$

$$3875, 888, \begin{bmatrix} 3 & 3 & 3 & 11 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 11 & 11 & 11 & -9 \end{bmatrix}$$

$$3876, 3332, \begin{bmatrix} 1 & 1 & 2 & 7 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -2 & -2 & 2 \\ 0 & 0 & 3 & -2 & 1 \\ 10 & 10 & 3 & 2 & -5 \end{bmatrix}$$

$$3877, 537, [537]$$

$$3878, 24486, \begin{bmatrix} 1 & 4 & 59 \\ 19 & 10 & -1 \\ 9 & -17 & 1 \end{bmatrix}$$

$$3879, 13794, \begin{bmatrix} 2 & 2 & 83 \\ 1 & -1 & 0 \\ 83 & 83 & -4 \end{bmatrix}$$

$$3880, 15288, \begin{bmatrix} 1 & 1 & 1 & 3 & 25 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 25 & 25 & 25 & 75 & -12 \end{bmatrix}$$

$$3881, 538, [538]$$

$$3882, 69645, \begin{bmatrix} 1 & 2 & 118 \\ 2 & -1 & 0 \\ 118 & 236 & -5 \end{bmatrix}$$

$$3883, 5066, \begin{bmatrix} 5 & 71 \\ 71 & -5 \end{bmatrix}$$

$$3884, 26898, \begin{bmatrix} 1 & 1 & 164 \\ 1 & -1 & 0 \\ 82 & 82 & -1 \end{bmatrix}$$

$$3885, 14705, \begin{bmatrix} 2 & 3 & 4 & 12 \\ 2 & 0 & -1 & 0 \\ 0 & 4 & 0 & -1 \\ 51 & -10 & 102 & -40 \end{bmatrix}$$

$$3886, 462, \begin{bmatrix} 1 & 10 & 19 \\ 8 & 3 & -2 \\ 1 & -2 & 1 \end{bmatrix}$$

$$3887, 102, \begin{bmatrix} 6 & 6 & 9 \\ 1 & -1 & 0 \\ 3 & 3 & -4 \end{bmatrix}$$

$$3888, 768, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 2 & 2 & 2 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & 0 & 0 & -1 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 & -1 & 1 \\ 1 & 1 & 1 & 1 & 0 & 0 & -2 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 2 & -1 & -1 \end{bmatrix}$$

3889, 539, [539]

$$3890, 59390, \begin{bmatrix} 1 & 3 & 77 \\ 3 & -1 & 0 \\ 77 & 231 & -10 \end{bmatrix}$$

$$3891, 44525, \begin{bmatrix} 2 & 211 \\ 211 & -2 \end{bmatrix}$$

$$3892, 10566, \begin{bmatrix} 1 & 1 & 4 & 34 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 17 & 17 & 68 & -9 \end{bmatrix}$$

$$3893, 2549, \begin{bmatrix} 7 & 50 \\ 50 & -7 \end{bmatrix}$$

$$3894, 3509, \begin{bmatrix} 1 & 2 & 5 & 17 \\ 1 & -3 & 1 & 0 \\ 0 & 1 & 3 & -1 \\ 17 & 5 & -2 & -1 \end{bmatrix}$$

$$3895, 726, \begin{bmatrix} 3 & 8 & 13 \\ 17 & 5 & -7 \\ 1 & -2 & 1 \end{bmatrix}$$

$$3896, 17304, \begin{bmatrix} 1 & 1 & 1 & 93 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 31 & 31 & 31 & -1 \end{bmatrix}$$

$$3897, 3532, \begin{bmatrix} 2 & 2 & 84 \\ 1 & -1 & 0 \\ 21 & 21 & -1 \end{bmatrix}$$

$$3898, 87617, \begin{bmatrix} 1 & 296 \\ 296 & -1 \end{bmatrix}$$

$$3899, 5210, \begin{bmatrix} 4 & 102 \\ 51 & -2 \end{bmatrix}$$

$$3900, 360, \begin{bmatrix} 1 & 1 & 2 & 3 & 3 & 6 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 2 & 1 & 1 & -2 \\ 1 & 1 & 2 & -2 & -2 & 1 \end{bmatrix}$$

$$3901, 754, \begin{bmatrix} 15 & 23 \\ 23 & -15 \end{bmatrix}$$

$$3902, 88210, \begin{bmatrix} 1 & 297 \\ 297 & -1 \end{bmatrix}$$

$$3903, 22474, \begin{bmatrix} 2 & 212 \\ 106 & -1 \end{bmatrix}$$

$$3904, 2640, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 18 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 3 & 3 & 3 & 3 & 3 & 3 & -1 \end{bmatrix}$$

$$3905, 6510, \begin{bmatrix} 3 & 5 & 20 \\ 10 & -2 & -1 \\ 5 & 29 & -8 \end{bmatrix}$$

$$3906, 3504, \begin{bmatrix} 1 & 2 & 2 & 4 & 11 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & 1 & -1 & 0 \\ 1 & -1 & -1 & -2 & 1 \\ 39 & 5 & 5 & 10 & -9 \end{bmatrix}$$

$$3907, 540, [540]$$

$$3908, 54454, \begin{bmatrix} 1 & 1 & 165 \\ 1 & -1 & 0 \\ 165 & 165 & -2 \end{bmatrix}$$

$$3909, 45373, \begin{bmatrix} 2 & 213 \\ 213 & -2 \end{bmatrix}$$

$$3910, 280, \begin{bmatrix} 1 & 3 & 7 & 9 \\ 1 & -1 & -1 & 1 \\ 3 & 2 & 0 & -1 \\ 1 & -2 & 2 & -1 \end{bmatrix}$$

$$3911, 541, [541]$$

$$3912, 60942, \begin{bmatrix} 1 & 1 & 1 & 2 & 38 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 38 & 38 & 38 & 76 & -7 \end{bmatrix}$$

$$3913, 372, \begin{bmatrix} 4 & 6 & 14 \\ 5 & -8 & 2 \\ 2 & 1 & -1 \end{bmatrix}$$

$$3914, 15086, \begin{bmatrix} 1 & 8 & 27 \\ 3 & 3 & -1 \\ 89 & -82 & 21 \end{bmatrix}$$

$$3915, 5082, \begin{bmatrix} 2 & 2 & 2 & 3 & 10 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & -2 & 0 \\ 20 & 20 & 20 & 30 & -21 \end{bmatrix}$$

$$3916, 10854, \begin{bmatrix} 1 & 1 & 5 & 24 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & -2 & 0 \\ 8 & 8 & 40 & -9 \end{bmatrix}$$

$$3917, 542, [542]$$

$$3918, 70830, \begin{bmatrix} 1 & 2 & 119 \\ 2 & -1 & 0 \\ 119 & 238 & -5 \end{bmatrix}$$

$$3919, 543, [543]$$

$$3920, 1620, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 4 & 4 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 1 & 0 & -1 \\ 1 & 0 & -2 & 1 & 0 & 0 & 0 \\ 1 & 0 & 1 & 1 & -1 & 1 & -1 \\ 1 & 1 & 1 & 1 & 0 & -2 & 1 \\ 1 & -4 & 1 & 1 & 3 & -1 & -1 \end{bmatrix}$$

$$3921, 22900, \begin{bmatrix} 2 & 214 \\ 107 & -1 \end{bmatrix}$$

$$3922, 7218, \begin{bmatrix} 1 & 12 & 16 \\ 4 & 1 & -1 \\ 28 & -65 & 47 \end{bmatrix}$$

$$3923, 544, [544]$$

$$3924, 17020, \begin{bmatrix} 1 & 1 & 2 & 2 & 29 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 29 & 29 & 58 & 58 & -10 \end{bmatrix}$$

$$3925, 2774, \begin{bmatrix} 3 & 3 & 37 \\ 1 & -1 & 0 \\ 37 & 37 & -6 \end{bmatrix}$$

$$3926, 2666, \begin{bmatrix} 1 & 6 & 36 \\ 6 & -7 & 1 \\ 6 & 5 & -1 \end{bmatrix}$$

$$3927, 1880, \begin{bmatrix} 2 & 4 & 5 & 7 \\ 1 & -1 & -1 & 1 \\ 2 & 2 & -1 & -1 \\ 17 & -13 & 19 & -11 \end{bmatrix}$$

$$3928, 53034, \begin{bmatrix} 1 & 1 & 1 & 94 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 94 & 94 & 94 & -3 \end{bmatrix}$$

$$3929, 545, [545]$$

$$3930, 21798, \begin{bmatrix} 1 & 2 & 3 & 32 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 16 & 32 & 48 & -7 \end{bmatrix}$$

$$3931, 546, [546]$$

$$3932, 27558, \begin{bmatrix} 1 & 1 & 166 \\ 1 & -1 & 0 \\ 83 & 83 & -1 \end{bmatrix}$$

$$3933, 306, \begin{bmatrix} 2 & 2 & 8 & 9 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 1 & 1 & 4 & -4 \end{bmatrix}$$

$$3934, 61489, \begin{bmatrix} 1 & 4 & 60 \\ 4 & -1 & 0 \\ 60 & 240 & -17 \end{bmatrix}$$

$$3935, 6351, \begin{bmatrix} 3 & 138 \\ 46 & -1 \end{bmatrix}$$

$$3936, 19224, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 13 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 \\ 13 & 13 & 13 & 13 & 13 & 26 & -9 \end{bmatrix}$$

$$3937, 1082, \begin{bmatrix} 11 & 31 \\ 31 & -11 \end{bmatrix}$$

$$3938, 37554, \begin{bmatrix} 1 & 5 & 41 \\ 1 & 8 & -1 \\ 111 & -14 & -1 \end{bmatrix}$$

$$3939, 3580, \begin{bmatrix} 2 & 6 & 26 \\ 3 & -1 & 0 \\ 13 & 39 & -10 \end{bmatrix}$$

$$3940, 44792, \begin{bmatrix} 1 & 1 & 3 & 45 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 45 & 45 & 135 & -11 \end{bmatrix}$$

$$3941, 10625, \begin{bmatrix} 4 & 103 \\ 103 & -4 \end{bmatrix}$$

$$3942, 35412, \begin{bmatrix} 1 & 2 & 2 & 2 & 21 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 6 & -1 & -1 & -1 & 0 \\ 21 & 42 & 42 & 42 & -13 \end{bmatrix}$$

3943, 547, [547]

$$3944, 4560, \begin{bmatrix} 1 & 1 & 1 & 7 & 10 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 17 & 17 & 17 & -33 & 18 \end{bmatrix}$$

$$3945, 40937, \begin{bmatrix} 2 & 3 & 56 \\ 3 & -2 & 0 \\ 112 & 168 & -13 \end{bmatrix}$$

$$3946, 88805, \begin{bmatrix} 1 & 298 \\ 298 & -1 \end{bmatrix}$$

3947, 548, [548]

$$3948, 10374, \begin{bmatrix} 1 & 1 & 2 & 4 & 15 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -9 & 2 \\ 11 & 11 & 22 & 6 & -6 \end{bmatrix}$$

$$3949, 5209, \begin{bmatrix} 5 & 72 \\ 72 & -5 \end{bmatrix}$$

$$3950, 19114, \begin{bmatrix} 1 & 3 & 3 & 22 \\ 0 & 1 & -1 & 0 \\ 6 & -1 & -1 & 0 \\ 22 & 66 & 66 & -19 \end{bmatrix}$$

$$3951, 14466, \begin{bmatrix} 2 & 2 & 85 \\ 1 & -1 & 0 \\ 85 & 85 & -4 \end{bmatrix}$$

$$3952, 2080, \begin{bmatrix} 1 & 1 & 1 & 1 & 6 & 8 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 3 & 3 & 3 & 3 & -2 & 0 \\ 1 & 1 & 1 & 1 & 6 & -5 \end{bmatrix}$$

$$3953, 650, \begin{bmatrix} 17 & 19 \\ 19 & -17 \end{bmatrix}$$

$$3954, 14405, \begin{bmatrix} 1 & 2 & 120 \\ 2 & -1 & 0 \\ 24 & 48 & -1 \end{bmatrix}$$

$$3955, 4625, \begin{bmatrix} 3 & 4 & 30 \\ 4 & -3 & 0 \\ 18 & 24 & -5 \end{bmatrix}$$

$$3956, 5022, \begin{bmatrix} 1 & 1 & 9 & 14 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 6 & -4 \\ 20 & 20 & -6 & 1 \end{bmatrix}$$

$$3957, 46229, \begin{bmatrix} 2 & 215 \\ 215 & -2 \end{bmatrix}$$

$$3958, 89402, \begin{bmatrix} 1 & 299 \\ 299 & -1 \end{bmatrix}$$

$$3959, 232, \begin{bmatrix} 12 & 28 \\ 7 & -3 \end{bmatrix}$$

$$3960, 810, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 3 & 5 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 1 & 0 & 1 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 1 & 0 & -1 & 0 \\ 0 & 0 & 0 & 1 & 0 & 1 & -1 \\ 1 & 1 & 1 & -1 & 2 & 0 & -1 \\ 1 & -4 & 1 & 2 & 2 & -2 & 0 \end{bmatrix}$$

$$3961, 2650, \begin{bmatrix} 7 & 51 \\ 51 & -7 \end{bmatrix}$$

$$3962, 63546, \begin{bmatrix} 1 & 4 & 61 \\ 4 & -1 & 0 \\ 61 & 244 & -17 \end{bmatrix}$$

$$3963, 23330, \begin{bmatrix} 2 & 216 \\ 108 & -1 \end{bmatrix}$$

$$3964, 55782, \begin{bmatrix} 1 & 1 & 167 \\ 1 & -1 & 0 \\ 167 & 167 & -2 \end{bmatrix}$$

$$3965, 615, \begin{bmatrix} 3 & 6 & 18 \\ 2 & -1 & 0 \\ 6 & 12 & -5 \end{bmatrix}$$

$$3966, 73230, \begin{bmatrix} 1 & 2 & 121 \\ 2 & -1 & 0 \\ 121 & 242 & -5 \end{bmatrix}$$

$$3967, 549, [549]$$

$$3968, 24576, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 11 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & 0 & -2 & 1 & 1 & 0 \\ 1 & 1 & 1 & 5 & 1 & 1 & 1 & -1 \\ 7 & 7 & 7 & -9 & 7 & 7 & 7 & -3 \end{bmatrix}$$

$$3969, 96, \begin{bmatrix} 2 & 2 & 2 & 2 & 4 & 4 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 \end{bmatrix}$$

$$3970, 30470, \begin{bmatrix} 1 & 3 & 78 \\ 3 & -1 & 0 \\ 39 & 117 & -5 \end{bmatrix}$$

$$3971, 306, \begin{bmatrix} 5 & 8 & 8 \\ 0 & 1 & -1 \\ 16 & -5 & -5 \end{bmatrix}$$

$$3972, 26970, \begin{bmatrix} 1 & 1 & 2 & 67 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 67 & 67 & 134 & -6 \end{bmatrix}$$

$$3973, 1189, \begin{bmatrix} 10 & 33 \\ 33 & -10 \end{bmatrix}$$

$$3974, 90001, \begin{bmatrix} 1 & 300 \\ 300 & -1 \end{bmatrix}$$

$$3975, 3058, \begin{bmatrix} 2 & 3 & 3 & 16 \\ 0 & 1 & -1 & 0 \\ 3 & -1 & -1 & 0 \\ 16 & 24 & 24 & -11 \end{bmatrix}$$

$$3976, 47766, \begin{bmatrix} 1 & 1 & 1 & 4 & 20 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 4 & 4 & 4 & -3 & 0 \\ 20 & 20 & 20 & 80 & -19 \end{bmatrix}$$

$$3977, 794, \begin{bmatrix} 13 & 25 \\ 25 & -13 \end{bmatrix}$$

$$3978, 2820, \begin{bmatrix} 1 & 2 & 2 & 6 & 7 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & 0 & 0 & 1 & -1 \\ 1 & -2 & -2 & 0 & 1 \\ 28 & 9 & 9 & -20 & 8 \end{bmatrix}$$

$$3979, 1681, \begin{bmatrix} 9 & 40 \\ 40 & -9 \end{bmatrix}$$

$$3980, 46794, \begin{bmatrix} 1 & 1 & 3 & 46 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 46 & 46 & 138 & -11 \end{bmatrix}$$

$$3981, 47093, \begin{bmatrix} 2 & 217 \\ 217 & -2 \end{bmatrix}$$

$$3982, 23270, \begin{bmatrix} 1 & 5 & 42 \\ 5 & -1 & 0 \\ 21 & 105 & -13 \end{bmatrix}$$

$$3983, 2708, \begin{bmatrix} 4 & 104 \\ 26 & -1 \end{bmatrix}$$

$$3984, 17184, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 23 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 23 & 23 & 23 & 23 & 46 & -8 \end{bmatrix}$$

$$3985, 19330, \begin{bmatrix} 3 & 139 \\ 139 & -3 \end{bmatrix}$$

$$3986, 90602, \begin{bmatrix} 1 & 301 \\ 301 & -1 \end{bmatrix}$$

$$3987, 7404, \begin{bmatrix} 2 & 2 & 86 \\ 1 & -1 & 0 \\ 43 & 43 & -2 \end{bmatrix}$$

$$3988, 28226, \begin{bmatrix} 1 & 1 & 168 \\ 1 & -1 & 0 \\ 84 & 84 & -1 \end{bmatrix}$$

3989, 550, [550]

$$3990, 4230, \begin{bmatrix} 1 & 2 & 3 & 4 & 8 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 0 & 1 & -1 & 0 \\ 3 & -4 & -1 & 2 & 0 \\ 4 & 8 & 12 & 16 & -15 \end{bmatrix}$$

$$3991, 1335, \begin{bmatrix} 6 & 63 \\ 21 & -2 \end{bmatrix}$$

$$3992, 54168, \begin{bmatrix} 1 & 1 & 1 & 95 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 95 & 95 & 95 & -3 \end{bmatrix}$$

$$3993, 474, \begin{bmatrix} 2 & 5 & 5 & 5 \\ 0 & 1 & 0 & -1 \\ 0 & 1 & -2 & 1 \\ 15 & -2 & -2 & -2 \end{bmatrix}$$

$$3994, 91205, \begin{bmatrix} 1 & 302 \\ 302 & -1 \end{bmatrix}$$

$$3995, 3962, \begin{bmatrix} 3 & 7 & 15 \\ 2 & -3 & 1 \\ 52 & 27 & -23 \end{bmatrix}$$

$$3996, 6636, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 12 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 0 & -1 & 0 & 0 \\ 2 & 2 & -3 & 4 & -3 & 0 \\ 6 & 6 & 12 & 12 & 12 & -7 \end{bmatrix}$$

$$3997, 11041, \begin{bmatrix} 4 & 105 \\ 105 & -4 \end{bmatrix}$$

$$3998, 91810, \begin{bmatrix} 1 & 303 \\ 303 & -1 \end{bmatrix}$$

$$3999, 2247, \begin{bmatrix} 2 & 11 & 14 \\ 13 & 18 & -16 \\ 4 & -2 & 1 \end{bmatrix}$$

$$4000, 2048, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 3 & 3 & 3 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 1 & 1 & -1 & 1 & -1 \\ 1 & 1 & -1 & 1 & 1 & 1 & -3 & 1 \\ 1 & 1 & 5 & 1 & 1 & -1 & -1 & -1 \end{bmatrix}$$

$$4001, 551, [551]$$

$$4002, 1674, \begin{bmatrix} 1 & 2 & 9 & 10 \\ 1 & 0 & 1 & -1 \\ 1 & 4 & -1 & 0 \\ 13 & -5 & -7 & 6 \end{bmatrix}$$

4003, 552, [552]

$$4004, 1896, \begin{bmatrix} 1 & 1 & 4 & 5 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 \\ 0 & 0 & 1 & -2 & 1 \\ 15 & 15 & -19 & -4 & 11 \end{bmatrix}$$

$$4005, 20162, \begin{bmatrix} 2 & 2 & 3 & 24 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -4 & 0 \\ 48 & 48 & 72 & -17 \end{bmatrix}$$

$$4006, 92417, \begin{bmatrix} 1 & 304 \\ 304 & -1 \end{bmatrix}$$

4007, 553, [553]

$$4008, 64176, \begin{bmatrix} 1 & 1 & 1 & 2 & 39 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 39 & 39 & 39 & 78 & -7 \end{bmatrix}$$

$$4009, 2273, \begin{bmatrix} 8 & 47 \\ 47 & -8 \end{bmatrix}$$

$$4010, 62510, \begin{bmatrix} 1 & 3 & 79 \\ 3 & -1 & 0 \\ 79 & 237 & -10 \end{bmatrix}$$

$$4011, 9345, \begin{bmatrix} 2 & 4 & 43 \\ 2 & -1 & 0 \\ 43 & 86 & -10 \end{bmatrix}$$

$$4012, 2040, \begin{bmatrix} 1 & 1 & 7 & 17 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 7 & -3 \\ 7 & 7 & -2 & 0 \end{bmatrix}$$

4013, 554, [554]

$$4014, 13878, \begin{bmatrix} 1 & 2 & 2 & 48 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 16 & 32 & 32 & -3 \end{bmatrix}$$

$$4015, 4750, \begin{bmatrix} 3 & 5 & 21 \\ 7 & 0 & -1 \\ 1 & -30 & 7 \end{bmatrix}$$

$$4016, 11680, \begin{bmatrix} 1 & 1 & 1 & 1 & 54 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 27 & 27 & 27 & 27 & -2 \end{bmatrix}$$

$$4017, 7690, \begin{bmatrix} 2 & 6 & 27 \\ 3 & -1 & 0 \\ 27 & 81 & -20 \end{bmatrix}$$

$$4018, 3636, \begin{bmatrix} 1 & 4 & 4 & 13 \\ 0 & 1 & -1 & 0 \\ 3 & -2 & -2 & 1 \\ 30 & 19 & 19 & -14 \end{bmatrix}$$

4019, 555, [555]

$$4020, 11280, \begin{bmatrix} 1 & 1 & 2 & 3 & 19 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 19 & 19 & 38 & 57 & -15 \end{bmatrix}$$

4021, 556, [556]

$$4022, 93026, \begin{bmatrix} 1 & 305 \\ 305 & -1 \end{bmatrix}$$

$$4023, 7422, \begin{bmatrix} 2 & 2 & 2 & 35 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 35 & 35 & 35 & -6 \end{bmatrix}$$

$$4024, 18438, \begin{bmatrix} 1 & 1 & 1 & 96 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 32 & 32 & 32 & -1 \end{bmatrix}$$

$$4025, 690, \begin{bmatrix} 3 & 3 & 4 & 9 \\ 1 & -1 & 0 & 0 \\ 7 & 7 & -6 & -2 \\ 1 & 1 & 3 & -2 \end{bmatrix}$$

$$4026, 1770, \begin{bmatrix} 1 & 2 & 5 & 18 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 3 & 6 & 15 & -5 \end{bmatrix}$$

$$4027, 557, [557]$$

$$4028, 1610, \begin{bmatrix} 1 & 1 & 8 & 16 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 20 & 20 & -1 & -2 \end{bmatrix}$$

$$4029, 3759, \begin{bmatrix} 2 & 7 & 22 \\ 4 & 2 & -1 \\ 17 & -30 & 8 \end{bmatrix}$$

$$4030, 13026, \begin{bmatrix} 1 & 3 & 6 & 11 \\ 1 & 0 & -2 & 1 \\ 1 & -6 & 1 & 1 \\ 59 & 10 & 20 & -19 \end{bmatrix}$$

$$4031, 628, \begin{bmatrix} 10 & 34 \\ 17 & -5 \end{bmatrix}$$

$$4032, 1440, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 & 4 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & 1 & -1 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 & 0 \\ 2 & 2 & 2 & 2 & 2 & 2 & -1 & -1 & -2 \end{bmatrix}$$

$$4033, 985, \begin{bmatrix} 12 & 29 \\ 29 & -12 \end{bmatrix}$$

$$4034, 93637, \begin{bmatrix} 1 & 306 \\ 306 & -1 \end{bmatrix}$$

$$4035, 42406, \begin{bmatrix} 2 & 3 & 57 \\ 3 & -2 & 0 \\ 114 & 171 & -13 \end{bmatrix}$$

$$4036, 57126, \begin{bmatrix} 1 & 1 & 169 \\ 1 & -1 & 0 \\ 169 & 169 & -2 \end{bmatrix}$$

$$4037, 5354, \begin{bmatrix} 5 & 73 \\ 73 & -5 \end{bmatrix}$$

$$4038, 74445, \begin{bmatrix} 1 & 2 & 122 \\ 2 & -1 & 0 \\ 122 & 244 & -5 \end{bmatrix}$$

$$4039, 5626, \begin{bmatrix} 4 & 106 \\ 53 & -2 \end{bmatrix}$$

$$4040, 8256, \begin{bmatrix} 1 & 1 & 1 & 3 & 26 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 13 & 13 & 13 & 39 & -6 \end{bmatrix}$$

$$4041, 15154, \begin{bmatrix} 2 & 2 & 87 \\ 1 & -1 & 0 \\ 87 & 87 & -4 \end{bmatrix}$$

$$4042, 1266, \begin{bmatrix} 1 & 14 & 15 \\ 29 & -16 & 13 \\ 1 & 1 & -1 \end{bmatrix}$$

$$4043, 2066, \begin{bmatrix} 6 & 64 \\ 32 & -3 \end{bmatrix}$$

$$4044, 13890, \begin{bmatrix} 1 & 1 & 2 & 68 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 34 & 34 & 68 & -3 \end{bmatrix}$$

$$4045, 19609, \begin{bmatrix} 3 & 140 \\ 140 & -3 \end{bmatrix}$$

$$4046, 690, \begin{bmatrix} 1 & 4 & 7 & 7 \\ 0 & 0 & 1 & -1 \\ 10 & -6 & 1 & 1 \\ 2 & 3 & -1 & -1 \end{bmatrix}$$

$$4047, 702, \begin{bmatrix} 2 & 8 & 20 \\ 8 & -7 & 2 \\ 2 & 2 & -1 \end{bmatrix}$$

$$4048, 2640, \begin{bmatrix} 1 & 1 & 1 & 1 & 5 & 9 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & -1 \\ 7 & 7 & 7 & 7 & -20 & 8 \end{bmatrix}$$

4049, 558, [558]

$$4050, 560, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 3 & 3 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 0 & 1 & -1 & -1 & 1 & 0 & 0 \\ 2 & -1 & -1 & -1 & -1 & 1 & 1 \\ 4 & 1 & 1 & 1 & 1 & -2 & -2 \end{bmatrix}$$

4051, 559, [559]

$$4052, 28902, \begin{bmatrix} 1 & 1 & 170 \\ 1 & -1 & 0 \\ 85 & 85 & -1 \end{bmatrix}$$

$$4053, 4890, \begin{bmatrix} 2 & 4 & 44 \\ 2 & -1 & 0 \\ 22 & 44 & -5 \end{bmatrix}$$

$$4054, 94250, \begin{bmatrix} 1 & 307 \\ 307 & -1 \end{bmatrix}$$

$$4055, 6630, \begin{bmatrix} 3 & 141 \\ 47 & -1 \end{bmatrix}$$

$$4056, 6636, \begin{bmatrix} 1 & 1 & 1 & 2 & 6 & 6 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 & 0 \\ 12 & 12 & 12 & 24 & -7 & -7 \end{bmatrix}$$

4057, 560, [560]

$$4058, 94865, \begin{bmatrix} 1 & 308 \\ 308 & -1 \end{bmatrix}$$

$$4059, 2020, \begin{bmatrix} 2 & 2 & 5 & 13 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 1 & -1 \\ 9 & 9 & -28 & 8 \end{bmatrix}$$

$$4060, 16764, \begin{bmatrix} 1 & 1 & 3 & 4 & 10 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 2 & 1 & -1 \\ 2 & 2 & -2 & 3 & -1 \\ 51 & 51 & 26 & -50 & 2 \end{bmatrix}$$

$$4061, 1145, \begin{bmatrix} 11 & 32 \\ 32 & -11 \end{bmatrix}$$

$$4062, 75670, \begin{bmatrix} 1 & 2 & 123 \\ 2 & -1 & 0 \\ 123 & 246 & -5 \end{bmatrix}$$

$$4063, 2753, \begin{bmatrix} 7 & 52 \\ 52 & -7 \end{bmatrix}$$

$$4064, 38640, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 31 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 31 & 31 & 31 & 31 & 31 & -5 \end{bmatrix}$$

$$4065, 43901, \begin{bmatrix} 2 & 3 & 58 \\ 3 & -2 & 0 \\ 116 & 174 & -13 \end{bmatrix}$$

$$4066, 9339, \begin{bmatrix} 1 & 8 & 28 \\ 4 & -4 & 1 \\ 40 & 37 & -12 \end{bmatrix}$$

$$4067, 1122, \begin{bmatrix} 4 & 4 & 23 \\ 1 & -1 & 0 \\ 23 & 23 & -8 \end{bmatrix}$$

$$4068, 1820, \begin{bmatrix} 1 & 1 & 2 & 2 & 30 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 3 & 3 & 6 & 6 & -1 \end{bmatrix}$$

$$4069, 4261, \begin{bmatrix} 6 & 65 \\ 65 & -6 \end{bmatrix}$$

$$4070, 11814, \begin{bmatrix} 1 & 3 & 5 & 12 \\ 2 & 1 & -1 & 0 \\ 0 & 3 & 3 & -2 \\ 44 & -47 & 41 & -9 \end{bmatrix}$$

$$4071, 1870, \begin{bmatrix} 2 & 9 & 17 \\ 9 & -2 & 0 \\ 2 & 9 & -5 \end{bmatrix}$$

$$4072, 56472, \begin{bmatrix} 1 & 1 & 1 & 97 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 97 & 97 & 97 & -3 \end{bmatrix}$$

$$4073, 561, [561]$$

$$4074, 10982, \begin{bmatrix} 1 & 2 & 4 & 25 \\ 4 & 0 & -1 & 0 \\ 1 & 4 & 4 & -1 \\ 3 & -13 & 12 & -1 \end{bmatrix}$$

$$4075, 1462, \begin{bmatrix} 3 & 3 & 38 \\ 1 & -1 & 0 \\ 19 & 19 & -3 \end{bmatrix}$$

$$4076, 58486, \begin{bmatrix} 1 & 1 & 171 \\ 1 & -1 & 0 \\ 171 & 171 & -2 \end{bmatrix}$$

$$4077, 1308, \begin{bmatrix} 2 & 2 & 2 & 36 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 6 & 6 & 6 & -1 \end{bmatrix}$$

$$4078, 95482, \begin{bmatrix} 1 & 309 \\ 309 & -1 \end{bmatrix}$$

$$4079, 562, [562]$$

$$4080, 3564, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 3 & 7 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & 1 & 0 & 1 & -1 \\ 1 & 0 & -2 & 1 & 0 & 0 & 0 \\ 1 & -2 & 1 & 1 & 1 & -1 & 0 \\ 2 & 2 & 2 & 2 & -7 & -5 & 3 \end{bmatrix}$$

$$4081, 1782, \begin{bmatrix} 4 & 5 & 16 \\ 1 & -4 & 1 \\ 23 & 4 & -7 \end{bmatrix}$$

$$4082, 1406, \begin{bmatrix} 1 & 6 & 37 \\ 6 & -1 & 0 \\ 1 & 6 & -1 \end{bmatrix}$$

$$4083, 23764, \begin{bmatrix} 2 & 218 \\ 109 & -1 \end{bmatrix}$$

$$4084, 29586, \begin{bmatrix} 1 & 1 & 172 \\ 1 & -1 & 0 \\ 86 & 86 & -1 \end{bmatrix}$$

$$4085, 1614, \begin{bmatrix} 3 & 8 & 14 \\ 2 & 1 & -1 \\ 22 & -31 & 13 \end{bmatrix}$$

$$4086, 43380, \begin{bmatrix} 1 & 2 & 2 & 49 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 49 & 98 & 98 & -9 \end{bmatrix}$$

$$4087, 685, \begin{bmatrix} 18 & 19 \\ 19 & -18 \end{bmatrix}$$

$$4088, 11040, \begin{bmatrix} 1 & 1 & 1 & 4 & 21 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & -6 & 1 \\ 13 & 13 & 13 & 6 & -3 \end{bmatrix}$$

$$4089, 4277, \begin{bmatrix} 2 & 10 & 15 \\ 0 & 3 & -2 \\ 65 & -4 & -6 \end{bmatrix}$$

$$4090, 6410, \begin{bmatrix} 1 & 3 & 80 \\ 3 & -1 & 0 \\ 8 & 24 & -1 \end{bmatrix}$$

$$4091, 563, [563]$$

$$4092, 912, \begin{bmatrix} 1 & 1 & 2 & 5 & 11 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 2 & 2 & 4 & -9 & 3 \\ 1 & 1 & 2 & 1 & -1 \end{bmatrix}$$

$$4093, 564, [564]$$

$$4094, 12502, \begin{bmatrix} 1 & 9 & 24 \\ 3 & 5 & -2 \\ 69 & -37 & 11 \end{bmatrix}$$

$$4095, 690, \begin{bmatrix} 2 & 2 & 3 & 4 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 1 & 0 & 2 & -2 \\ 1 & 1 & -10 & 2 & 3 \end{bmatrix}$$

$$4096, 3072, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 1 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & -1 & 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & -1 & -1 & 0 & 0 & 0 & 0 & -1 & -1 & 1 & 1 \\ 1 & 1 & 1 & 1 & -2 & -2 & -2 & -2 & 1 & 1 & 1 & 1 \end{bmatrix}$$

$$4097, 2858, \begin{bmatrix} 7 & 53 \\ 53 & -7 \end{bmatrix}$$

$$4098, 76905, \begin{bmatrix} 1 & 2 & 124 \\ 2 & -1 & 0 \\ 124 & 248 & -5 \end{bmatrix}$$

$$4099, 565, [565]$$

$$4100, 2268, \begin{bmatrix} 1 & 1 & 3 & 3 & 13 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 4 & 4 & 3 & 3 & -2 \\ 5 & 5 & -6 & -6 & 2 \end{bmatrix}$$

$$4101, 47965, \begin{bmatrix} 2 & 219 \\ 219 & -2 \end{bmatrix}$$

$$4102, 38610, \begin{bmatrix} 1 & 4 & 62 \\ 10 & 13 & -1 \\ 30 & -23 & 1 \end{bmatrix}$$

$$4103, 5501, \begin{bmatrix} 5 & 74 \\ 74 & -5 \end{bmatrix}$$

$$4104, 14220, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 & 8 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -2 & 1 & 0 \\ 2 & 2 & 2 & -1 & -1 & -1 & 0 \\ 8 & 8 & 8 & 16 & 16 & 16 & -15 \end{bmatrix}$$

$$4105, 20173, \begin{bmatrix} 3 & 142 \\ 142 & -3 \end{bmatrix}$$

$$4106, 96101, \begin{bmatrix} 1 & 310 \\ 310 & -1 \end{bmatrix}$$

$$4107, 292, \begin{bmatrix} 2 & 12 & 12 \\ 0 & 1 & -1 \\ 12 & -1 & -1 \end{bmatrix}$$

$$4108, 1044, \begin{bmatrix} 1 & 1 & 6 & 22 \\ 1 & -1 & 0 & 0 \\ 4 & 4 & -5 & 1 \\ 2 & 2 & 3 & -1 \end{bmatrix}$$

$$4109, 11465, \begin{bmatrix} 4 & 107 \\ 107 & -4 \end{bmatrix}$$

$$4110, 46326, \begin{bmatrix} 1 & 2 & 3 & 33 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 33 & 66 & 99 & -14 \end{bmatrix}$$

$$4111, 566, [566]$$

$$4112, 24232, \begin{bmatrix} 1 & 1 & 1 & 1 & 55 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 55 & 55 & 55 & 55 & -4 \end{bmatrix}$$

$$4113, 3876, \begin{bmatrix} 2 & 2 & 88 \\ 1 & -1 & 0 \\ 22 & 22 & -1 \end{bmatrix}$$

$$4114, 600, \begin{bmatrix} 1 & 5 & 5 & 7 \\ 0 & 1 & -1 & 0 \\ 3 & -1 & -1 & 1 \\ 6 & 5 & 5 & -8 \end{bmatrix}$$

$$4115, 20458, \begin{bmatrix} 3 & 143 \\ 143 & -3 \end{bmatrix}$$

$$4116, 324, \begin{bmatrix} 1 & 1 & 2 & 4 & 4 & 4 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -2 & 1 \\ 2 & 2 & 4 & -1 & -1 & -1 \end{bmatrix}$$

$$4117, 1762, \begin{bmatrix} 9 & 41 \\ 41 & -9 \end{bmatrix}$$

$$4118, 2505, \begin{bmatrix} 1 & 10 & 20 \\ 0 & 2 & -1 \\ 50 & -1 & -2 \end{bmatrix}$$

$$4119, 24202, \begin{bmatrix} 2 & 220 \\ 110 & -1 \end{bmatrix}$$

$$4120, 5928, \begin{bmatrix} 1 & 1 & 1 & 3 & 27 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 9 & 9 & 9 & 27 & -4 \end{bmatrix}$$

$$4121, 732, \begin{bmatrix} 6 & 66 \\ 11 & -1 \end{bmatrix}$$

$$4122, 45162, \begin{bmatrix} 1 & 2 & 2 & 50 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 50 & 100 & 100 & -9 \end{bmatrix}$$

$$4123, 1005, \begin{bmatrix} 4 & 8 & 11 \\ 2 & -1 & 0 \\ 11 & 22 & -20 \end{bmatrix}$$

$$4124, 59862, \begin{bmatrix} 1 & 1 & 173 \\ 1 & -1 & 0 \\ 173 & 173 & -2 \end{bmatrix}$$

$$4125, 336, \begin{bmatrix} 2 & 3 & 3 & 3 & 5 \\ 0 & 1 & 0 & -1 & 0 \\ 1 & 0 & 1 & 0 & -1 \\ 2 & -1 & -1 & -1 & 1 \\ 2 & 3 & -4 & 3 & -2 \end{bmatrix}$$

$$4126, 96722, \begin{bmatrix} 1 & 311 \\ 311 & -1 \end{bmatrix}$$

$$4127, 567, [567]$$

$$4128, 22140, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 14 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 \\ 14 & 14 & 14 & 14 & 14 & 28 & -9 \end{bmatrix}$$

4129, 568, [568]

$$4130, 945, \begin{bmatrix} 1 & 3 & 4 & 17 \\ 1 & 1 & -1 & 0 \\ 5 & -6 & -1 & 1 \\ 2 & 1 & 3 & -1 \end{bmatrix}$$

$$4131, 2760, \begin{bmatrix} 2 & 2 & 2 & 2 & 2 & 7 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 7 & 7 & 7 & 7 & 7 & -10 \end{bmatrix}$$

$$4132, 30278, \begin{bmatrix} 1 & 1 & 174 \\ 1 & -1 & 0 \\ 87 & 87 & -1 \end{bmatrix}$$

4133, 569, [569]

$$4134, 1782, \begin{bmatrix} 1 & 2 & 6 & 16 \\ 2 & -2 & 3 & -1 \\ 4 & -1 & -3 & 1 \\ 2 & 4 & 1 & -1 \end{bmatrix}$$

$$4135, 6915, \begin{bmatrix} 3 & 144 \\ 48 & -1 \end{bmatrix}$$

$$4136, 12144, \begin{bmatrix} 1 & 1 & 1 & 5 & 15 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 5 & 5 & 5 & 3 & -2 \\ 5 & 5 & 5 & -21 & 6 \end{bmatrix}$$

$$4137, 2045, \begin{bmatrix} 2 & 4 & 45 \\ 2 & -1 & 0 \\ 9 & 18 & -2 \end{bmatrix}$$

$$4138, 97345, \begin{bmatrix} 1 & 312 \\ 312 & -1 \end{bmatrix}$$

$$4139, 570, [570]$$

$$4140, 2000, \begin{bmatrix} 1 & 1 & 2 & 2 & 3 & 9 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 3 & -1 \\ 3 & 3 & 6 & 6 & -1 & -3 \end{bmatrix}$$

$$4141, 65, \begin{bmatrix} 13 & 26 \\ 2 & -1 \end{bmatrix}$$

$$4142, 11778, \begin{bmatrix} 1 & 8 & 29 \\ 3 & -4 & 1 \\ 62 & 43 & -14 \end{bmatrix}$$

$$4143, 48845, \begin{bmatrix} 2 & 221 \\ 221 & -2 \end{bmatrix}$$

$$4144, 1640, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 12 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & 0 \\ 3 & 3 & 3 & 3 & 12 & -5 \end{bmatrix}$$

$$4145, 21034, \begin{bmatrix} 3 & 145 \\ 145 & -3 \end{bmatrix}$$

$$4146, 15630, \begin{bmatrix} 1 & 2 & 125 \\ 2 & -1 & 0 \\ 25 & 50 & -1 \end{bmatrix}$$

$$4147, 805, \begin{bmatrix} 5 & 6 & 10 \\ 2 & 0 & -1 \\ 6 & -25 & 12 \end{bmatrix}$$

$$4148, 3750, \begin{bmatrix} 1 & 1 & 7 & 18 \\ 1 & -1 & 0 & 0 \\ 11 & 11 & 2 & -2 \\ 1 & 1 & -8 & 3 \end{bmatrix}$$

$$4149, 15858, \begin{bmatrix} 2 & 2 & 89 \\ 1 & -1 & 0 \\ 89 & 89 & -4 \end{bmatrix}$$

$$4150, 12056, \begin{bmatrix} 1 & 3 & 3 & 23 \\ 0 & 1 & -1 & 0 \\ 5 & 3 & 3 & -1 \\ 36 & -29 & -29 & 6 \end{bmatrix}$$

$$4151, 2920, \begin{bmatrix} 4 & 108 \\ 27 & -1 \end{bmatrix}$$

$$4152, 67494, \begin{bmatrix} 1 & 1 & 1 & 2 & 40 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 40 & 40 & 40 & 80 & -7 \end{bmatrix}$$

$$4153, 571, [571]$$

$$4154, 966, \begin{bmatrix} 1 & 11 & 19 \\ 7 & 8 & -5 \\ 3 & -2 & 1 \end{bmatrix}$$

$$4155, 45422, \begin{bmatrix} 2 & 3 & 59 \\ 3 & -2 & 0 \\ 118 & 177 & -13 \end{bmatrix}$$

$$4156, 61254, \begin{bmatrix} 1 & 1 & 175 \\ 1 & -1 & 0 \\ 175 & 175 & -2 \end{bmatrix}$$

$$4157, 572, [572]$$

$$4158, 972, \begin{bmatrix} 1 & 2 & 2 & 2 & 4 & 5 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 \\ 0 & 1 & -2 & 1 & 0 & 0 \\ 1 & 2 & 2 & 2 & -2 & -1 \\ 4 & -1 & -1 & -1 & -2 & 2 \end{bmatrix}$$

$$4159, 573, [573]$$

$$4160, 4080, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 3 & 6 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -2 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \\ 2 & 2 & 2 & 2 & 2 & 2 & 6 & -5 \end{bmatrix}$$

$$4161, 8653, \begin{bmatrix} 2 & 8 & 21 \\ 4 & -1 & 0 \\ 21 & 84 & -34 \end{bmatrix}$$

$$4162, 97970, \begin{bmatrix} 1 & 313 \\ 313 & -1 \end{bmatrix}$$

$$4163, 615, \begin{bmatrix} 9 & 42 \\ 14 & -3 \end{bmatrix}$$

$$4164, 9534, \begin{bmatrix} 1 & 1 & 2 & 69 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 23 & 23 & 46 & -2 \end{bmatrix}$$

$$4165, 180, \begin{bmatrix} 3 & 4 & 4 & 7 \\ 0 & 1 & -1 & 0 \\ 3 & -2 & -2 & 1 \\ 2 & 1 & 1 & -2 \end{bmatrix}$$

$$4166, 98597, \begin{bmatrix} 1 & 314 \\ 314 & -1 \end{bmatrix}$$

$$4167, 8108, \begin{bmatrix} 2 & 2 & 90 \\ 1 & -1 & 0 \\ 45 & 45 & -2 \end{bmatrix}$$

$$4168, 57642, \begin{bmatrix} 1 & 1 & 1 & 98 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 98 & 98 & 98 & -3 \end{bmatrix}$$

$$4169, 1130, \begin{bmatrix} 5 & 75 \\ 15 & -1 \end{bmatrix}$$

$$4170, 14040, \begin{bmatrix} 1 & 2 & 3 & 34 \\ 1 & -2 & 1 & 0 \\ 11 & 7 & 3 & -1 \\ 5 & -3 & -11 & 1 \end{bmatrix}$$

$$4171, 821, \begin{bmatrix} 14 & 25 \\ 25 & -14 \end{bmatrix}$$

$$4172, 22374, \begin{bmatrix} 1 & 1 & 4 & 35 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 35 & 35 & 140 & -18 \end{bmatrix}$$

$$4173, 2060, \begin{bmatrix} 2 & 6 & 28 \\ 3 & -1 & 0 \\ 7 & 21 & -5 \end{bmatrix}$$

$$4174, 99226, \begin{bmatrix} 1 & 315 \\ 315 & -1 \end{bmatrix}$$

$$4175, 1026, \begin{bmatrix} 3 & 3 & 39 \\ 1 & -1 & 0 \\ 13 & 13 & -2 \end{bmatrix}$$

$$4176, 2688, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 10 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 0 \\ 5 & 5 & 5 & 5 & 10 & 10 & -6 \end{bmatrix}$$

$$4177, 574, [574]$$

$$4178, 99857, \begin{bmatrix} 1 & 316 \\ 316 & -1 \end{bmatrix}$$

$$4179, 5340, \begin{bmatrix} 2 & 4 & 46 \\ 2 & -1 & 0 \\ 23 & 46 & -5 \end{bmatrix}$$

$$4180, 600, \begin{bmatrix} 1 & 1 & 3 & 5 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 1 & -1 \\ 1 & 1 & 1 & -1 & 0 \\ 6 & 6 & -7 & 5 & -2 \end{bmatrix}$$

$$4181, 174, \begin{bmatrix} 12 & 30 \\ 5 & -2 \end{bmatrix}$$

$$4182, 17171, \begin{bmatrix} 1 & 2 & 7 & 13 \\ 1 & -1 & 2 & -1 \\ 0 & 3 & 1 & -1 \\ 121 & 19 & -45 & 12 \end{bmatrix}$$

$$4183, 267, \begin{bmatrix} 15 & 24 \\ 8 & -5 \end{bmatrix}$$

$$4184, 19608, \begin{bmatrix} 1 & 1 & 1 & 99 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 33 & 33 & 33 & -1 \end{bmatrix}$$

$$4185, 5964, \begin{bmatrix} 2 & 2 & 2 & 3 & 11 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & -2 & 0 \\ 22 & 22 & 22 & 33 & -21 \end{bmatrix}$$

$$4186, 2680, \begin{bmatrix} 1 & 4 & 6 & 9 \\ 1 & -1 & -1 & 1 \\ 3 & 3 & -1 & -1 \\ 14 & -11 & 17 & -8 \end{bmatrix}$$

$$4187, 370, \begin{bmatrix} 16 & 22 \\ 11 & -8 \end{bmatrix}$$

$$4188, 14718, \begin{bmatrix} 1 & 1 & 2 & 70 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 35 & 35 & 70 & -3 \end{bmatrix}$$

$$4189, 689, \begin{bmatrix} 17 & 20 \\ 20 & -17 \end{bmatrix}$$

$$4190, 65710, \begin{bmatrix} 1 & 3 & 81 \\ 3 & -1 & 0 \\ 81 & 243 & -10 \end{bmatrix}$$

$$4191, 6930, \begin{bmatrix} 2 & 5 & 31 \\ 3 & 5 & -1 \\ 32 & -19 & 1 \end{bmatrix}$$

$$4192, 41160, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 32 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 32 & 32 & 32 & 32 & 32 & -5 \end{bmatrix}$$

$$4193, 11897, \begin{bmatrix} 4 & 109 \\ 109 & -4 \end{bmatrix}$$

$$4194, 15660, \begin{bmatrix} 1 & 2 & 2 & 51 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 17 & 34 & 34 & -3 \end{bmatrix}$$

$$4195, 21325, \begin{bmatrix} 3 & 146 \\ 146 & -3 \end{bmatrix}$$

$$4196, 30978, \begin{bmatrix} 1 & 1 & 176 \\ 1 & -1 & 0 \\ 88 & 88 & -1 \end{bmatrix}$$

$$4197, 24644, \begin{bmatrix} 2 & 222 \\ 111 & -1 \end{bmatrix}$$

$$4198, 100490, \begin{bmatrix} 1 & 317 \\ 317 & -1 \end{bmatrix}$$

$$4199, 894, \begin{bmatrix} 6 & 7 & 8 \\ 1 & -2 & 1 \\ 23 & 2 & -19 \end{bmatrix}$$

$$4200, 6560, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 3 & 4 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & 0 & 1 & 1 & 0 & 0 & -1 \\ 0 & 0 & 0 & 1 & -1 & -1 & 1 \\ 1 & -4 & 1 & -1 & 0 & 0 & 1 \\ 12 & 12 & 12 & -17 & -5 & -5 & 7 \end{bmatrix}$$

4201, 575, [575]

$$4202, 18750, \begin{bmatrix} 1 & 5 & 43 \\ 7 & -10 & 1 \\ 29 & 20 & -3 \end{bmatrix}$$

$$4203, 16578, \begin{bmatrix} 2 & 2 & 91 \\ 1 & -1 & 0 \\ 91 & 91 & -4 \end{bmatrix}$$

$$4204, 62662, \begin{bmatrix} 1 & 1 & 177 \\ 1 & -1 & 0 \\ 177 & 177 & -2 \end{bmatrix}$$

$$4205, 418, \begin{bmatrix} 3 & 10 & 10 \\ 0 & 1 & -1 \\ 20 & -3 & -3 \end{bmatrix}$$

$$4206, 79405, \begin{bmatrix} 1 & 2 & 126 \\ 2 & -1 & 0 \\ 126 & 252 & -5 \end{bmatrix}$$

$$4207, 6058, \begin{bmatrix} 4 & 110 \\ 55 & -2 \end{bmatrix}$$

$$4208, 6280, \begin{bmatrix} 1 & 1 & 1 & 1 & 56 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 14 & 14 & 14 & 14 & -1 \end{bmatrix}$$

$$4209, 2045, \begin{bmatrix} 2 & 9 & 18 \\ 0 & 2 & -1 \\ 45 & -2 & -4 \end{bmatrix}$$

$$4210, 33670, \begin{bmatrix} 1 & 3 & 82 \\ 3 & -1 & 0 \\ 41 & 123 & -5 \end{bmatrix}$$

$$4211, 576, [576]$$

$$4212, 972, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 2 & 6 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 \\ 1 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -2 & 0 & 1 & 0 \\ 1 & 1 & -1 & -1 & 2 & -1 & 0 \\ 1 & 1 & 2 & 2 & 2 & 2 & -3 \end{bmatrix}$$

$$4213, 5801, \begin{bmatrix} 5 & 76 \\ 76 & -5 \end{bmatrix}$$

$$4214, 5954, \begin{bmatrix} 1 & 4 & 4 & 14 \\ 0 & 1 & -1 & 0 \\ 2 & -2 & -2 & 1 \\ 64 & 27 & 27 & -20 \end{bmatrix}$$

$$4215, 46969, \begin{bmatrix} 2 & 3 & 60 \\ 3 & -2 & 0 \\ 120 & 180 & -13 \end{bmatrix}$$

$$4216, 8304, \begin{bmatrix} 1 & 1 & 1 & 7 & 11 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & -2 & 1 \\ 29 & 29 & 29 & 30 & -27 \end{bmatrix}$$

$$4217, 577, [577]$$

$$4218, 13419, \begin{bmatrix} 1 & 2 & 8 & 12 \\ 0 & 2 & -2 & 1 \\ 2 & 3 & 2 & -2 \\ 60 & -22 & -17 & 10 \end{bmatrix}$$

4219, 578, [578]

$$4220, 48840, \begin{bmatrix} 1 & 1 & 3 & 47 \\ 1 & -1 & 0 & 0 \\ 7 & 7 & 11 & -1 \\ 26 & 26 & -33 & 1 \end{bmatrix}$$

$$4221, 2310, \begin{bmatrix} 2 & 2 & 4 & 19 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 19 & 19 & 38 & -12 \end{bmatrix}$$

$$4222, 101125, \begin{bmatrix} 1 & 318 \\ 318 & -1 \end{bmatrix}$$

$$4223, 898, \begin{bmatrix} 13 & 27 \\ 27 & -13 \end{bmatrix}$$

$$4224, 2592, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 5 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & 1 & 1 & 1 & 1 & 0 & 0 & -1 \\ 0 & 1 & 0 & -2 & 0 & 1 & 0 & 0 & 0 \\ 1 & -1 & 1 & -1 & 1 & -1 & 1 & 2 & -1 \\ 1 & 1 & -2 & 1 & -2 & 1 & 1 & 2 & -1 \end{bmatrix}$$

$$4225, 60, \begin{bmatrix} 3 & 3 & 6 & 6 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 2 & 2 & -1 & -1 \end{bmatrix}$$

$$4226, 101762, \begin{bmatrix} 1 & 319 \\ 319 & -1 \end{bmatrix}$$

$$4227, 49733, \begin{bmatrix} 2 & 223 \\ 223 & -2 \end{bmatrix}$$

$$4228, 1314, \begin{bmatrix} 1 & 1 & 4 & 36 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 2 & 2 & 8 & -1 \end{bmatrix}$$

$$4229, 579, [579]$$

$$4230, 4374, \begin{bmatrix} 1 & 2 & 2 & 3 & 15 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 0 & -2 & 1 & 0 \\ 2 & -2 & 1 & 0 & 0 \\ 5 & 10 & 10 & 15 & -6 \end{bmatrix}$$

$$4231, 580, [580]$$

$$4232, 660, \begin{bmatrix} 1 & 1 & 1 & 9 & 9 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 6 & 6 & 6 & -1 & -1 \end{bmatrix}$$

$$4233, 6402, \begin{bmatrix} 2 & 7 & 23 \\ 8 & 1 & -1 \\ 5 & -31 & 9 \end{bmatrix}$$

$$4234, 1626, \begin{bmatrix} 1 & 10 & 21 \\ 26 & -11 & 4 \\ 1 & 2 & -1 \end{bmatrix}$$

$$4235, 750, \begin{bmatrix} 3 & 4 & 5 & 5 \\ 1 & -2 & 2 & -1 \\ 3 & -1 & -2 & 1 \\ 3 & 4 & 0 & -5 \end{bmatrix}$$

$$4236, 30282, \begin{bmatrix} 1 & 1 & 2 & 71 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 71 & 71 & 142 & -6 \end{bmatrix}$$

$$4237, 296, \begin{bmatrix} 8 & 48 \\ 6 & -1 \end{bmatrix}$$

$$4238, 54797, \begin{bmatrix} 1 & 6 & 38 \\ 6 & -1 & 0 \\ 38 & 228 & -37 \end{bmatrix}$$

$$4239, 8286, \begin{bmatrix} 2 & 2 & 2 & 37 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 37 & 37 & 37 & -6 \end{bmatrix}$$

$$4240, 27976, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 16 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 3 & 3 & 3 & 3 & -4 & 0 \\ 16 & 16 & 16 & 16 & 48 & -13 \end{bmatrix}$$

$$4241, 581, [581]$$

$$4242, 20910, \begin{bmatrix} 1 & 2 & 4 & 26 \\ 2 & -1 & 0 & 0 \\ 2 & 4 & -9 & 1 \\ 14 & 28 & 15 & -5 \end{bmatrix}$$

$$4243, 582, [582]$$

$$4244, 31686, \begin{bmatrix} 1 & 1 & 178 \\ 1 & -1 & 0 \\ 89 & 89 & -1 \end{bmatrix}$$

$$4245, 48542, \begin{bmatrix} 2 & 3 & 61 \\ 3 & -2 & 0 \\ 122 & 183 & -13 \end{bmatrix}$$

$$4246, 25506, \begin{bmatrix} 1 & 5 & 44 \\ 5 & -1 & 0 \\ 22 & 110 & -13 \end{bmatrix}$$

$$4247, 110, \begin{bmatrix} 11 & 33 \\ 3 & -1 \end{bmatrix}$$

$$4248, 6000, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 17 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 2 & 0 & 2 & -1 & -1 & 0 \\ 2 & -3 & 2 & 4 & 4 & -1 \\ 1 & 7 & 1 & 2 & 2 & -1 \end{bmatrix}$$

$$4249, 12337, \begin{bmatrix} 4 & 111 \\ 111 & -4 \end{bmatrix}$$

$$4250, 1848, \begin{bmatrix} 1 & 3 & 3 & 3 & 7 \\ 0 & 1 & 0 & -1 & 0 \\ 3 & -1 & 1 & -1 & 0 \\ 3 & 2 & -5 & 2 & 0 \\ 1 & 3 & 3 & 3 & -4 \end{bmatrix}$$

$$4251, 8810, \begin{bmatrix} 2 & 6 & 29 \\ 3 & -1 & 0 \\ 29 & 87 & -20 \end{bmatrix}$$

$$4252, 64086, \begin{bmatrix} 1 & 1 & 179 \\ 1 & -1 & 0 \\ 179 & 179 & -2 \end{bmatrix}$$

$$4253, 583, [583]$$

$$4254, 80670, \begin{bmatrix} 1 & 2 & 127 \\ 2 & -1 & 0 \\ 127 & 254 & -5 \end{bmatrix}$$

$$4255, 234, \begin{bmatrix} 3 & 9 & 12 \\ 1 & 1 & -1 \\ 7 & -5 & 2 \end{bmatrix}$$

$$4256, 3400, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 4 & 8 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 2 & -1 \\ 1 & 1 & -4 & 1 & 1 & 0 & 0 \\ 4 & 4 & 4 & 4 & 4 & -1 & -2 \end{bmatrix}$$

$$4257, 3206, \begin{bmatrix} 2 & 2 & 5 & 14 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -1 \\ 33 & 33 & -32 & 2 \end{bmatrix}$$

$$4258, 102401, \begin{bmatrix} 1 & 320 \\ 320 & -1 \end{bmatrix}$$

$$4259, 584, [584]$$

$$4260, 2490, \begin{bmatrix} 1 & 1 & 2 & 3 & 20 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 4 & 4 & 8 & 12 & -3 \end{bmatrix}$$

$$4261, 585, [585]$$

$$4262, 103042, \begin{bmatrix} 1 & 321 \\ 321 & -1 \end{bmatrix}$$

$$4263, 272, \begin{bmatrix} 2 & 4 & 4 & 10 \\ 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & -1 \\ 7 & -3 & -3 & 1 \end{bmatrix}$$

$$4264, 832, \begin{bmatrix} 1 & 1 & 1 & 6 & 13 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 1 & 2 & -1 \\ 2 & 2 & 2 & -1 & 0 \\ 1 & -3 & 1 & -2 & 1 \end{bmatrix}$$

$$4265, 7206, \begin{bmatrix} 3 & 147 \\ 49 & -1 \end{bmatrix}$$

$$4266, 38766, \begin{bmatrix} 1 & 2 & 2 & 2 & 22 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 6 & -1 & -1 & -1 & 0 \\ 22 & 44 & 44 & 44 & -13 \end{bmatrix}$$

$$4267, 2965, \begin{bmatrix} 7 & 54 \\ 54 & -7 \end{bmatrix}$$

$$4268, 16952, \begin{bmatrix} 1 & 1 & 5 & 25 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 5 & -1 \\ 65 & 65 & -1 & -5 \end{bmatrix}$$

$$4269, 25090, \begin{bmatrix} 2 & 224 \\ 112 & -1 \end{bmatrix}$$

$$4270, 4900, \begin{bmatrix} 1 & 3 & 4 & 18 \\ 1 & -3 & 2 & 0 \\ 0 & 2 & 3 & -1 \\ 18 & 4 & -3 & -1 \end{bmatrix}$$

$$4271, 586, [586]$$

$$4272, 2336, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 24 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 3 & 3 & 3 & 3 & 6 & -1 \end{bmatrix}$$

4273, 587, [587]

$$4274, 103685, \begin{bmatrix} 1 & 322 \\ 322 & -1 \end{bmatrix}$$

$$4275, 540, \begin{bmatrix} 2 & 2 & 3 & 3 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & 0 & 0 & -1 \\ 1 & 1 & -6 & -6 & 4 \end{bmatrix}$$

$$4276, 32402, \begin{bmatrix} 1 & 1 & 180 \\ 1 & -1 & 0 \\ 90 & 90 & -1 \end{bmatrix}$$

$$4277, 3601, \begin{bmatrix} 4 & 6 & 15 \\ 3 & -2 & 0 \\ 30 & 45 & -26 \end{bmatrix}$$

$$4278, 3105, \begin{bmatrix} 1 & 2 & 9 & 11 \\ 0 & 1 & 1 & -1 \\ 1 & 3 & -2 & 1 \\ 31 & -7 & 3 & -4 \end{bmatrix}$$

$$4279, 5954, \begin{bmatrix} 5 & 77 \\ 77 & -5 \end{bmatrix}$$

$$4280, 4776, \begin{bmatrix} 1 & 1 & 1 & 3 & 28 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 7 & 7 & 7 & 21 & -3 \end{bmatrix}$$

$$4281, 50629, \begin{bmatrix} 2 & 225 \\ 225 & -2 \end{bmatrix}$$

$$4282, 104330, \begin{bmatrix} 1 & 323 \\ 323 & -1 \end{bmatrix}$$

4283, 588, [588]

$$4284, 1500, \begin{bmatrix} 1 & 1 & 2 & 2 & 4 & 7 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & -1 & 0 & 0 \\ 1 & 1 & 2 & 2 & 1 & -2 \\ 1 & 1 & 2 & 2 & -6 & 2 \end{bmatrix}$$

$$4285, 21913, \begin{bmatrix} 3 & 148 \\ 148 & -3 \end{bmatrix}$$

$$4286, 104977, \begin{bmatrix} 1 & 324 \\ 324 & -1 \end{bmatrix}$$

$$4287, 25540, \begin{bmatrix} 2 & 226 \\ 113 & -1 \end{bmatrix}$$

$$4288, 17616, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 19 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 19 & 19 & 19 & 19 & 19 & 19 & -6 \end{bmatrix}$$

$$4289, 589, [589]$$

$$4290, 750, \begin{bmatrix} 1 & 2 & 3 & 5 & 6 \\ 2 & -1 & 0 & 0 & 0 \\ 0 & 0 & 2 & 0 & -1 \\ 1 & 2 & 0 & -1 & 0 \\ 1 & 2 & -2 & 5 & -4 \end{bmatrix}$$

$$4291, 3140, \begin{bmatrix} 4 & 112 \\ 28 & -1 \end{bmatrix}$$

$$4292, 984, \begin{bmatrix} 1 & 1 & 10 & 12 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 \\ 11 & 11 & -13 & 9 \end{bmatrix}$$

$$4293, 272, \begin{bmatrix} 2 & 2 & 2 & 2 & 16 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 2 & 2 & 2 & 2 & -1 \end{bmatrix}$$

$$4294, 12545, \begin{bmatrix} 1 & 8 & 30 \\ 8 & -1 & 0 \\ 6 & 48 & -13 \end{bmatrix}$$

$$4295, 22210, \begin{bmatrix} 3 & 149 \\ 149 & -3 \end{bmatrix}$$

$$4296, 70896, \begin{bmatrix} 1 & 1 & 1 & 2 & 41 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 41 & 41 & 41 & 82 & -7 \end{bmatrix}$$

$$4297, 590, [590]$$

$$4298, 67762, \begin{bmatrix} 1 & 4 & 63 \\ 4 & -1 & 0 \\ 63 & 252 & -17 \end{bmatrix}$$

$$4299, 51533, \begin{bmatrix} 2 & 227 \\ 227 & -2 \end{bmatrix}$$

$$4300, 1296, \begin{bmatrix} 1 & 1 & 3 & 3 & 14 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -3 & -3 & 1 \\ 5 & 5 & 3 & 3 & -2 \end{bmatrix}$$

$$4301, 930, \begin{bmatrix} 5 & 7 & 9 \\ 5 & -1 & -2 \\ 1 & -11 & 8 \end{bmatrix}$$

$$4302, 48834, \begin{bmatrix} 1 & 2 & 2 & 52 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 52 & 104 & 104 & -9 \end{bmatrix}$$

$$4303, 4525, \begin{bmatrix} 6 & 67 \\ 67 & -6 \end{bmatrix}$$

$$4304, 26024, \begin{bmatrix} 1 & 1 & 1 & 1 & 57 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 57 & 57 & 57 & 57 & -4 \end{bmatrix}$$

$$4305, 1782, \begin{bmatrix} 2 & 3 & 4 & 13 \\ 1 & 2 & -2 & 0 \\ 2 & -3 & -2 & 1 \\ 8 & 1 & 5 & -3 \end{bmatrix}$$

$$4306, 105626, \begin{bmatrix} 1 & 325 \\ 325 & -1 \end{bmatrix}$$

$$4307, 730, \begin{bmatrix} 17 & 21 \\ 21 & -17 \end{bmatrix}$$

$$4308, 5190, \begin{bmatrix} 1 & 1 & 2 & 72 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 12 & 12 & 24 & -1 \end{bmatrix}$$

$$4309, 1277, \begin{bmatrix} 11 & 34 \\ 34 & -11 \end{bmatrix}$$

$$4310, 68990, \begin{bmatrix} 1 & 3 & 83 \\ 3 & -1 & 0 \\ 83 & 249 & -10 \end{bmatrix}$$

$$4311, 4236, \begin{bmatrix} 2 & 2 & 92 \\ 1 & -1 & 0 \\ 23 & 23 & -1 \end{bmatrix}$$

$$4312, 720, \begin{bmatrix} 1 & 1 & 1 & 4 & 4 & 5 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & -1 & -1 & 1 \\ 3 & 3 & 3 & 2 & 2 & -5 \end{bmatrix}$$

$$4313, 2465, \begin{bmatrix} 8 & 49 \\ 49 & -8 \end{bmatrix}$$

$$4314, 81945, \begin{bmatrix} 1 & 2 & 128 \\ 2 & -1 & 0 \\ 128 & 256 & -5 \end{bmatrix}$$

$$4315, 7503, \begin{bmatrix} 3 & 150 \\ 50 & -1 \end{bmatrix}$$

$$4316, 5670, \begin{bmatrix} 1 & 1 & 6 & 23 \\ 1 & -1 & 0 & 0 \\ 14 & 14 & 3 & -2 \\ 1 & 1 & -8 & 2 \end{bmatrix}$$

$$4317, 25994, \begin{bmatrix} 2 & 228 \\ 114 & -1 \end{bmatrix}$$

$$4318, 14154, \begin{bmatrix} 1 & 7 & 31 \\ 4 & -5 & 1 \\ 54 & 41 & -11 \end{bmatrix}$$

$$4319, 12785, \begin{bmatrix} 4 & 113 \\ 113 & -4 \end{bmatrix}$$

$$4320, 8424, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 2 & 2 & 3 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & -1 & 1 & 1 & 1 & 0 & 0 & 0 & -1 \\ 1 & 0 & 0 & -2 & 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & -2 & 1 & 1 & 0 & -1 & 0 & 0 \\ 2 & 2 & 2 & 2 & 2 & -9 & 4 & -9 & 6 \end{bmatrix}$$

$$4321, 265, \begin{bmatrix} 10 & 35 \\ 7 & -2 \end{bmatrix}$$

$$4322, 106277, \begin{bmatrix} 1 & 326 \\ 326 & -1 \end{bmatrix}$$

$$4323, 9477, \begin{bmatrix} 2 & 5 & 32 \\ 4 & -8 & 1 \\ 29 & 14 & -4 \end{bmatrix}$$

$$4324, 3080, \begin{bmatrix} 1 & 1 & 9 & 15 \\ 1 & -1 & 0 & 0 \\ 9 & 9 & -7 & 3 \\ 3 & 3 & 6 & -4 \end{bmatrix}$$

$$4325, 1618, \begin{bmatrix} 3 & 3 & 40 \\ 1 & -1 & 0 \\ 20 & 20 & -3 \end{bmatrix}$$

$$4326, 10500, \begin{bmatrix} 1 & 2 & 4 & 27 \\ 2 & 1 & -1 & 0 \\ 2 & -3 & 1 & 0 \\ 9 & 18 & 36 & -7 \end{bmatrix}$$

$$4327, 591, [591]$$

$$4328, 60018, \begin{bmatrix} 1 & 1 & 1 & 100 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 100 & 100 & 100 & -3 \end{bmatrix}$$

$$4329, 940, \begin{bmatrix} 2 & 2 & 6 & 12 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 15 & 15 & -2 & -4 \end{bmatrix}$$

$$4330, 35330, \begin{bmatrix} 1 & 3 & 84 \\ 3 & -1 & 0 \\ 42 & 126 & -5 \end{bmatrix}$$

$$4331, 362, \begin{bmatrix} 18 & 20 \\ 10 & -9 \end{bmatrix}$$

$$4332, 804, \begin{bmatrix} 1 & 1 & 2 & 8 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & -1 & 0 & 0 \\ 8 & 8 & 16 & -3 & -3 \end{bmatrix}$$

$$4333, 6506, \begin{bmatrix} 4 & 114 \\ 57 & -2 \end{bmatrix}$$

$$4334, 36918, \begin{bmatrix} 1 & 5 & 45 \\ 5 & -10 & 1 \\ 65 & 32 & -5 \end{bmatrix}$$

$$4335, 1554, \begin{bmatrix} 2 & 3 & 7 & 7 \\ 0 & 0 & 1 & -1 \\ 2 & -6 & 1 & 1 \\ 15 & 4 & -3 & -3 \end{bmatrix}$$

$$4336, 13472, \begin{bmatrix} 1 & 1 & 1 & 1 & 58 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 29 & 29 & 29 & 29 & -2 \end{bmatrix}$$

4337, 592, [592]

$$4338, 50724, \begin{bmatrix} 1 & 2 & 2 & 53 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 53 & 106 & 106 & -9 \end{bmatrix}$$

4339, 593, [593]

$$4340, 6216, \begin{bmatrix} 1 & 1 & 3 & 4 & 11 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 3 & 0 & -1 \\ 1 & 1 & 0 & -6 & 2 \\ 10 & 10 & -7 & 3 & -1 \end{bmatrix}$$

$$4341, 52445, \begin{bmatrix} 2 & 229 \\ 229 & -2 \end{bmatrix}$$

$$4342, 17138, \begin{bmatrix} 1 & 6 & 39 \\ 21 & 3 & -1 \\ 3 & -20 & 3 \end{bmatrix}$$

$$4343, 436, \begin{bmatrix} 14 & 26 \\ 13 & -7 \end{bmatrix}$$

$$4344, 10626, \begin{bmatrix} 1 & 1 & 1 & 2 & 42 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 6 & 6 & 6 & 12 & -1 \end{bmatrix}$$

$$4345, 1554, \begin{bmatrix} 3 & 5 & 22 \\ 7 & -13 & 2 \\ 4 & 2 & -1 \end{bmatrix}$$

$$4346, 2982, \begin{bmatrix} 1 & 13 & 16 \\ 22 & 2 & -3 \\ 1 & -5 & 4 \end{bmatrix}$$

$$4347, 4578, \begin{bmatrix} 2 & 2 & 2 & 4 & 9 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 9 & 9 & 9 & 18 & -14 \end{bmatrix}$$

$$4348, 65526, \begin{bmatrix} 1 & 1 & 181 \\ 1 & -1 & 0 \\ 181 & 181 & -2 \end{bmatrix}$$

$$4349, 594, [594]$$

$$4350, 7749, \begin{bmatrix} 1 & 2 & 3 & 3 & 10 \\ 1 & 1 & 0 & -1 & 0 \\ 2 & -1 & -1 & 1 & 0 \\ 0 & 2 & 0 & 2 & -1 \\ 15 & -11 & 45 & 4 & -14 \end{bmatrix}$$

$$4351, 1282, \begin{bmatrix} 8 & 50 \\ 25 & -4 \end{bmatrix}$$

$$4352, 7296, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 7 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -1 & -1 & -1 & -1 & 1 & 1 & 0 \\ 7 & 7 & 7 & 7 & 7 & 7 & 7 & 7 & -8 \end{bmatrix}$$

$$4353, 26452, \begin{bmatrix} 2 & 230 \\ 115 & -1 \end{bmatrix}$$

$$4354, 69921, \begin{bmatrix} 1 & 4 & 64 \\ 4 & -1 & 0 \\ 64 & 256 & -17 \end{bmatrix}$$

$$4355, 2030, \begin{bmatrix} 3 & 6 & 19 \\ 2 & -1 & 0 \\ 19 & 38 & -15 \end{bmatrix}$$

$$4356, 240, \begin{bmatrix} 1 & 1 & 2 & 2 & 5 & 5 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 2 & 2 & -1 & -1 & 0 & 0 \\ 1 & 1 & 2 & 2 & -1 & -1 \end{bmatrix}$$

$$4357, 595, [595]$$

$$4358, 106930, \begin{bmatrix} 1 & 327 \\ 327 & -1 \end{bmatrix}$$

$$4359, 53365, \begin{bmatrix} 2 & 231 \\ 231 & -2 \end{bmatrix}$$

$$4360, 20472, \begin{bmatrix} 1 & 1 & 1 & 3 & 29 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 29 & 29 & 29 & 87 & -12 \end{bmatrix}$$

$$4361, 152, \begin{bmatrix} 4 & 4 & 24 \\ 1 & -1 & 0 \\ 3 & 3 & -1 \end{bmatrix}$$

$$4362, 83230, \begin{bmatrix} 1 & 2 & 129 \\ 2 & -1 & 0 \\ 129 & 258 & -5 \end{bmatrix}$$

$$4363, 596, [596]$$

$$4364, 33126, \begin{bmatrix} 1 & 1 & 182 \\ 1 & -1 & 0 \\ 91 & 91 & -1 \end{bmatrix}$$

$$4365, 8988, \begin{bmatrix} 2 & 2 & 3 & 25 \\ 1 & -1 & 0 & 0 \\ 4 & 4 & 3 & -1 \\ 13 & 13 & -34 & 2 \end{bmatrix}$$

$$4366, 6510, \begin{bmatrix} 1 & 12 & 17 \\ 19 & -20 & 13 \\ 8 & 5 & -4 \end{bmatrix}$$

$$4367, 6109, \begin{bmatrix} 5 & 78 \\ 78 & -5 \end{bmatrix}$$

$$4368, 720, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 4 & 6 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 0 & -1 \\ 0 & 0 & 0 & 0 & 1 & -2 & 1 \\ 1 & 1 & 1 & 1 & -3 & -1 & 1 \end{bmatrix}$$

$$4369, 3074, \begin{bmatrix} 7 & 55 \\ 55 & -7 \end{bmatrix}$$

$$4370, 3255, \begin{bmatrix} 1 & 3 & 8 & 9 \\ 1 & 0 & 1 & -1 \\ 2 & -1 & -1 & 1 \\ 17 & 51 & -19 & -2 \end{bmatrix}$$

$$4371, 1050, \begin{bmatrix} 2 & 11 & 15 \\ 2 & 1 & -1 \\ 13 & -16 & 10 \end{bmatrix}$$

$$4372, 66982, \begin{bmatrix} 1 & 1 & 183 \\ 1 & -1 & 0 \\ 183 & 183 & -2 \end{bmatrix}$$

$$4373, 597, [597]$$

$$4374, 6960, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 2 & 2 & 2 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & -1 \\ 0 & 0 & 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & -1 & 1 \\ 2 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 1 & -2 & 0 & -2 & 1 & 1 \\ 12 & -5 & -5 & -5 & 24 & -5 & -5 & -5 \end{bmatrix}$$

$$4375, 104, \begin{bmatrix} 3 & 3 & 3 & 3 & 4 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 1 & 1 & 1 & 1 & -3 \end{bmatrix}$$

$$4376, 61224, \begin{bmatrix} 1 & 1 & 1 & 101 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 101 & 101 & 101 & -3 \end{bmatrix}$$

$$4377, 26914, \begin{bmatrix} 2 & 232 \\ 116 & -1 \end{bmatrix}$$

$$4378, 23562, \begin{bmatrix} 1 & 5 & 46 \\ 3 & -19 & 2 \\ 26 & 4 & -1 \end{bmatrix}$$

$$4379, 698, \begin{bmatrix} 10 & 36 \\ 18 & -5 \end{bmatrix}$$

$$4380, 4560, \begin{bmatrix} 1 & 1 & 2 & 3 & 21 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 7 & 7 & 14 & 21 & -5 \end{bmatrix}$$

$$4381, 2330, \begin{bmatrix} 6 & 68 \\ 34 & -3 \end{bmatrix}$$

$$4382, 72114, \begin{bmatrix} 1 & 4 & 65 \\ 4 & -1 & 0 \\ 65 & 260 & -17 \end{bmatrix}$$

$$4383, 17314, \begin{bmatrix} 2 & 2 & 93 \\ 1 & -1 & 0 \\ 93 & 93 & -4 \end{bmatrix}$$

$$4384, 43760, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 33 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 33 & 33 & 33 & 33 & 33 & -5 \end{bmatrix}$$

$$4385, 22810, \begin{bmatrix} 3 & 151 \\ 151 & -3 \end{bmatrix}$$

$$4386, 1250, \begin{bmatrix} 1 & 2 & 7 & 14 \\ 2 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 7 & 14 & -1 & -2 \end{bmatrix}$$

$$4387, 953, \begin{bmatrix} 13 & 28 \\ 28 & -13 \end{bmatrix}$$

$$4388, 33858, \begin{bmatrix} 1 & 1 & 184 \\ 1 & -1 & 0 \\ 92 & 92 & -1 \end{bmatrix}$$

$$4389, 4578, \begin{bmatrix} 2 & 4 & 5 & 8 \\ 2 & 1 & 0 & -1 \\ 2 & -3 & 0 & 1 \\ 5 & 10 & -42 & 20 \end{bmatrix}$$

$$4390, 14470, \begin{bmatrix} 1 & 3 & 85 \\ 3 & -1 & 0 \\ 17 & 51 & -2 \end{bmatrix}$$

4391, 598, [598]

$$4392, 44220, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 18 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 4 & 4 & 4 & -3 & -3 & 0 \\ 18 & 18 & 18 & 36 & 36 & -11 \end{bmatrix}$$

$$4393, 1930, \begin{bmatrix} 9 & 43 \\ 43 & -9 \end{bmatrix}$$

$$4394, 654, \begin{bmatrix} 1 & 6 & 6 & 6 \\ 0 & 1 & 0 & -1 \\ 0 & 1 & -2 & 1 \\ 18 & -1 & -1 & -1 \end{bmatrix}$$

$$4395, 50141, \begin{bmatrix} 2 & 3 & 62 \\ 3 & -2 & 0 \\ 124 & 186 & -13 \end{bmatrix}$$

$$4396, 24966, \begin{bmatrix} 1 & 1 & 4 & 37 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 37 & 37 & 148 & -18 \end{bmatrix}$$

4397, 599, [599]

$$4398, 16905, \begin{bmatrix} 1 & 2 & 130 \\ 2 & -1 & 0 \\ 26 & 52 & -1 \end{bmatrix}$$

$$4399, 785, \begin{bmatrix} 16 & 23 \\ 23 & -16 \end{bmatrix}$$

$$4400, 3760, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 3 & 5 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -2 \\ 11 & 11 & 11 & 11 & -14 & -14 & 8 \end{bmatrix}$$

$$4401, 4368, \begin{bmatrix} 2 & 2 & 2 & 38 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 19 & 19 & 19 & -3 \end{bmatrix}$$

$$4402, 1566, \begin{bmatrix} 1 & 11 & 20 \\ 17 & 13 & -8 \\ 2 & -2 & 1 \end{bmatrix}$$

$$4403, 627, \begin{bmatrix} 4 & 7 & 12 \\ 5 & 4 & -4 \\ 4 & -4 & 1 \end{bmatrix}$$

$$4404, 32010, \begin{bmatrix} 1 & 1 & 2 & 73 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 73 & 73 & 146 & -6 \end{bmatrix}$$

$$4405, 23113, \begin{bmatrix} 3 & 152 \\ 152 & -3 \end{bmatrix}$$

$$4406, 107585, \begin{bmatrix} 1 & 328 \\ 328 & -1 \end{bmatrix}$$

$$4407, 940, \begin{bmatrix} 2 & 6 & 30 \\ 3 & -1 & 0 \\ 3 & 9 & -2 \end{bmatrix}$$

$$4408, 6680, \begin{bmatrix} 1 & 1 & 1 & 8 & 10 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & 1 & -1 \\ 1 & -4 & 1 & -1 & 1 \\ 18 & 18 & 18 & -23 & 13 \end{bmatrix}$$

4409, 600, [600]

$$4410, 1000, \begin{bmatrix} 1 & 2 & 2 & 3 & 4 & 4 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 3 & 0 & 0 & -1 & 0 & 0 \\ 0 & 2 & 2 & 0 & -1 & -1 \\ 2 & -1 & -1 & 6 & -2 & -2 \end{bmatrix}$$

$$4411, 6266, \begin{bmatrix} 5 & 79 \\ 79 & -5 \end{bmatrix}$$

$$4412, 68454, \begin{bmatrix} 1 & 1 & 185 \\ 1 & -1 & 0 \\ 185 & 185 & -2 \end{bmatrix}$$

$$4413, 54293, \begin{bmatrix} 2 & 233 \\ 233 & -2 \end{bmatrix}$$

$$4414, 108242, \begin{bmatrix} 1 & 329 \\ 329 & -1 \end{bmatrix}$$

$$4415, 7806, \begin{bmatrix} 3 & 153 \\ 51 & -1 \end{bmatrix}$$

$$4416, 21840, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 9 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -3 & 0 \\ 9 & 9 & 9 & 9 & 9 & 9 & 18 & -10 \end{bmatrix}$$

$$4417, 13241, \begin{bmatrix} 4 & 115 \\ 115 & -4 \end{bmatrix}$$

$$4418, 902, \begin{bmatrix} 1 & 15 & 15 \\ 0 & 1 & -1 \\ 30 & -1 & -1 \end{bmatrix}$$

$$4419, 8844, \begin{bmatrix} 2 & 2 & 94 \\ 1 & -1 & 0 \\ 47 & 47 & -2 \end{bmatrix}$$

$$4420, 768, \begin{bmatrix} 1 & 1 & 3 & 6 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & -2 & 1 \\ 3 & 3 & 1 & 2 & -3 \\ 1 & 1 & -3 & 0 & 1 \end{bmatrix}$$

$$4421, 601, [601]$$

$$4422, 11730, \begin{bmatrix} 1 & 2 & 5 & 19 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 19 & 38 & 95 & -30 \end{bmatrix}$$

$$4423, 602, [602]$$

$$4424, 57342, \begin{bmatrix} 1 & 1 & 1 & 4 & 22 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 4 & 4 & 4 & -3 & 0 \\ 22 & 22 & 22 & 88 & -19 \end{bmatrix}$$

$$4425, 6842, \begin{bmatrix} 2 & 3 & 3 & 17 \\ 0 & 1 & -1 & 0 \\ 3 & -1 & -1 & 0 \\ 34 & 51 & 51 & -22 \end{bmatrix}$$

$$4426, 108901, \begin{bmatrix} 1 & 330 \\ 330 & -1 \end{bmatrix}$$

$$4427, 2665, \begin{bmatrix} 8 & 51 \\ 51 & -8 \end{bmatrix}$$

$$4428, 15372, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 13 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 0 & -1 & 0 & 0 \\ 2 & 2 & -3 & 4 & -3 & 0 \\ 13 & 13 & 26 & 26 & 26 & -14 \end{bmatrix}$$

$$4429, 925, \begin{bmatrix} 14 & 27 \\ 27 & -14 \end{bmatrix}$$

$$4430, 37030, \begin{bmatrix} 1 & 3 & 86 \\ 3 & -1 & 0 \\ 43 & 129 & -5 \end{bmatrix}$$

$$4431, 11145, \begin{bmatrix} 2 & 4 & 47 \\ 2 & -1 & 0 \\ 47 & 94 & -10 \end{bmatrix}$$

$$4432, 27880, \begin{bmatrix} 1 & 1 & 1 & 1 & 59 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 59 & 59 & 59 & 59 & -4 \end{bmatrix}$$

$$4433, 546, \begin{bmatrix} 5 & 6 & 11 \\ 17 & -16 & 1 \\ 1 & 1 & -1 \end{bmatrix}$$

$$4434, 85830, \begin{bmatrix} 1 & 2 & 131 \\ 2 & -1 & 0 \\ 131 & 262 & -5 \end{bmatrix}$$

$$4435, 23725, \begin{bmatrix} 3 & 154 \\ 154 & -3 \end{bmatrix}$$

$$4436, 34598, \begin{bmatrix} 1 & 1 & 186 \\ 1 & -1 & 0 \\ 93 & 93 & -1 \end{bmatrix}$$

$$4437, 2198, \begin{bmatrix} 2 & 2 & 7 & 10 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -2 & 1 \\ 27 & 27 & 16 & -22 \end{bmatrix}$$

$$4438, 74341, \begin{bmatrix} 1 & 4 & 66 \\ 4 & -1 & 0 \\ 66 & 264 & -17 \end{bmatrix}$$

$$4439, 2017, \begin{bmatrix} 9 & 44 \\ 44 & -9 \end{bmatrix}$$

$$4440, 5120, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 12 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 & 0 \\ 1 & -1 & 1 & -2 & 1 & 0 \\ 1 & -3 & 1 & 2 & -1 & 0 \\ 3 & 3 & 3 & 6 & 9 & -4 \end{bmatrix}$$

$$4441, 603, [603]$$

$$4442, 109562, \begin{bmatrix} 1 & 331 \\ 331 & -1 \end{bmatrix}$$

$$4443, 27380, \begin{bmatrix} 2 & 234 \\ 117 & -1 \end{bmatrix}$$

$$4444, 9842, \begin{bmatrix} 1 & 1 & 5 & 26 \\ 1 & -1 & 0 & 0 \\ 8 & 8 & 2 & -1 \\ 3 & 3 & -22 & 4 \end{bmatrix}$$

$$4445, 2958, \begin{bmatrix} 3 & 4 & 31 \\ 13 & -2 & -1 \\ 1 & 7 & -1 \end{bmatrix}$$

$$4446, 7630, \begin{bmatrix} 1 & 2 & 2 & 6 & 8 \\ 0 & 1 & -1 & 0 & 0 \\ 2 & 1 & 1 & -1 & 0 \\ 0 & 1 & 1 & 2 & -2 \\ 40 & -29 & -29 & 22 & -7 \end{bmatrix}$$

4447, 604, [604]

$$4448, 46440, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 34 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 34 & 34 & 34 & 34 & 34 & -5 \end{bmatrix}$$

$$4449, 55229, \begin{bmatrix} 2 & 235 \\ 235 & -2 \end{bmatrix}$$

$$4450, 10710, \begin{bmatrix} 1 & 3 & 3 & 24 \\ 0 & 1 & -1 & 0 \\ 12 & 2 & 2 & -1 \\ 6 & -17 & -17 & 4 \end{bmatrix}$$

4451, 605, [605]

$$4452, 9174, \begin{bmatrix} 1 & 1 & 2 & 4 & 16 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 2 & 2 & 4 & -3 & 0 \\ 8 & 8 & 16 & 32 & -11 \end{bmatrix}$$

$$4453, 255, \begin{bmatrix} 18 & 21 \\ 7 & -6 \end{bmatrix}$$

$$4454, 11814, \begin{bmatrix} 1 & 7 & 32 \\ 4 & 4 & -1 \\ 45 & -43 & 8 \end{bmatrix}$$

$$4455, 1000, \begin{bmatrix} 2 & 2 & 2 & 2 & 3 & 5 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 2 & 0 & 0 & 2 & -1 & -1 \\ 0 & 1 & 1 & 0 & 2 & -2 \\ 1 & -4 & -4 & 1 & 4 & 0 \end{bmatrix}$$

$$4456, 20814, \begin{bmatrix} 1 & 1 & 1 & 102 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 34 & 34 & 34 & -1 \end{bmatrix}$$

$$4457, 606, [606]$$

$$4458, 87145, \begin{bmatrix} 1 & 2 & 132 \\ 2 & -1 & 0 \\ 132 & 264 & -5 \end{bmatrix}$$

$$4459, 84, \begin{bmatrix} 4 & 4 & 4 & 6 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 1 & 1 & 1 & -2 \end{bmatrix}$$

$$4460, 50930, \begin{bmatrix} 1 & 1 & 3 & 48 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 48 & 48 & 144 & -11 \end{bmatrix}$$

$$4461, 27850, \begin{bmatrix} 2 & 236 \\ 118 & -1 \end{bmatrix}$$

$$4462, 1414, \begin{bmatrix} 1 & 9 & 25 \\ 12 & 7 & -3 \\ 2 & -3 & 1 \end{bmatrix}$$

$$4463, 607, [607]$$

$$4464, 6384, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 11 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 0 \\ 11 & 11 & 11 & 11 & 22 & 22 & -12 \end{bmatrix}$$

$$4465, 3874, \begin{bmatrix} 3 & 8 & 15 \\ 5 & 0 & -1 \\ 4 & -39 & 20 \end{bmatrix}$$

$$4466, 2982, \begin{bmatrix} 1 & 4 & 5 & 10 \\ 1 & 1 & -1 & 0 \\ 3 & -2 & 1 & 0 \\ 5 & 20 & 25 & -21 \end{bmatrix}$$

$$4467, 56173, \begin{bmatrix} 2 & 237 \\ 237 & -2 \end{bmatrix}$$

$$4468, 69942, \begin{bmatrix} 1 & 1 & 187 \\ 1 & -1 & 0 \\ 187 & 187 & -2 \end{bmatrix}$$

$$4469, 1010, \begin{bmatrix} 13 & 29 \\ 29 & -13 \end{bmatrix}$$

$$4470, 7434, \begin{bmatrix} 1 & 2 & 3 & 35 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 5 & 10 & 15 & -2 \end{bmatrix}$$

$$4471, 455, \begin{bmatrix} 7 & 56 \\ 8 & -1 \end{bmatrix}$$

$$4472, 18330, \begin{bmatrix} 1 & 1 & 1 & 6 & 14 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -1 & 0 \\ 14 & 14 & 14 & 84 & -39 \end{bmatrix}$$

$$4473, 636, \begin{bmatrix} 2 & 2 & 4 & 20 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 5 & 5 & 10 & -3 \end{bmatrix}$$

$$4474, 110225, \begin{bmatrix} 1 & 332 \\ 332 & -1 \end{bmatrix}$$

$$4475, 3398, \begin{bmatrix} 3 & 3 & 41 \\ 1 & -1 & 0 \\ 41 & 41 & -6 \end{bmatrix}$$

$$4476, 16446, \begin{bmatrix} 1 & 1 & 2 & 74 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 37 & 37 & 74 & -3 \end{bmatrix}$$

$$4477, 194, \begin{bmatrix} 5 & 5 & 12 \\ 1 & -1 & 0 \\ 6 & 6 & -5 \end{bmatrix}$$

$$4478, 110890, \begin{bmatrix} 1 & 333 \\ 333 & -1 \end{bmatrix}$$

$$4479, 28324, \begin{bmatrix} 2 & 238 \\ 119 & -1 \end{bmatrix}$$

$$4480, 3072, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 3 & 4 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 1 & 1 & 0 & 0 & -1 & 0 \\ 1 & 1 & -1 & 1 & -1 & 1 & 1 & -1 & 0 \\ 3 & 3 & 3 & -5 & 3 & 3 & 3 & 1 & -4 \end{bmatrix}$$

4481, 608, [608]

$$4482, 42276, \begin{bmatrix} 1 & 2 & 2 & 2 & 23 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 6 & -1 & -1 & -1 & 0 \\ 23 & 46 & 46 & 46 & -13 \end{bmatrix}$$

4483, 609, [609]

$$4484, 7810, \begin{bmatrix} 1 & 1 & 8 & 17 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 4 & -2 \\ 42 & 42 & -19 & 4 \end{bmatrix}$$

$$4485, 1300, \begin{bmatrix} 2 & 3 & 6 & 9 \\ 3 & 0 & -1 & 0 \\ 0 & 3 & 0 & -1 \\ 3 & -2 & 9 & -6 \end{bmatrix}$$

$$4486, 111557, \begin{bmatrix} 1 & 334 \\ 334 & -1 \end{bmatrix}$$

$$4487, 3368, \begin{bmatrix} 4 & 116 \\ 29 & -1 \end{bmatrix}$$

$$4488, 2430, \begin{bmatrix} 1 & 1 & 1 & 2 & 5 & 7 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 1 & -1 \\ 1 & 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 7 & 7 & 7 & -13 & 8 & -5 \end{bmatrix}$$

$$4489, 38, \begin{bmatrix} 19 & 19 \\ 1 & -1 \end{bmatrix}$$

$$4490, 75790, \begin{bmatrix} 1 & 3 & 87 \\ 3 & -1 & 0 \\ 87 & 261 & -10 \end{bmatrix}$$

$$4491, 18066, \begin{bmatrix} 2 & 2 & 95 \\ 1 & -1 & 0 \\ 95 & 95 & -4 \end{bmatrix}$$

$$4492, 35346, \begin{bmatrix} 1 & 1 & 188 \\ 1 & -1 & 0 \\ 94 & 94 & -1 \end{bmatrix}$$

$$4493, 610, [610]$$

$$4494, 4830, \begin{bmatrix} 1 & 2 & 4 & 28 \\ 2 & 1 & -1 & 0 \\ 2 & -3 & 1 & 0 \\ 4 & 8 & 16 & -3 \end{bmatrix}$$

$$4495, 1610, \begin{bmatrix} 3 & 10 & 11 \\ 3 & -2 & 1 \\ 16 & 15 & -18 \end{bmatrix}$$

$$4496, 7208, \begin{bmatrix} 1 & 1 & 1 & 1 & 60 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 15 & 15 & 15 & 15 & -1 \end{bmatrix}$$

$$4497, 57125, \begin{bmatrix} 2 & 239 \\ 239 & -2 \end{bmatrix}$$

$$4498, 60569, \begin{bmatrix} 1 & 6 & 40 \\ 6 & -1 & 0 \\ 40 & 240 & -37 \end{bmatrix}$$

$$4499, 1285, \begin{bmatrix} 5 & 80 \\ 16 & -1 \end{bmatrix}$$

$$4500, 4440, \begin{bmatrix} 1 & 1 & 2 & 2 & 3 & 3 & 3 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & -1 \\ 0 & 0 & 0 & 0 & 1 & -2 & 1 \\ 2 & 2 & -1 & -1 & 0 & 0 & 0 \\ 9 & 9 & 18 & 18 & -10 & -10 & -10 \end{bmatrix}$$

$$4501, 13705, \begin{bmatrix} 4 & 117 \\ 117 & -4 \end{bmatrix}$$

$$4502, 112226, \begin{bmatrix} 1 & 335 \\ 335 & -1 \end{bmatrix}$$

$$4503, 1932, \begin{bmatrix} 2 & 8 & 22 \\ 8 & 9 & -4 \\ 5 & -4 & 1 \end{bmatrix}$$

$$4504, 63672, \begin{bmatrix} 1 & 1 & 1 & 103 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 103 & 103 & 103 & -3 \end{bmatrix}$$

$$4505, 3454, \begin{bmatrix} 3 & 7 & 16 \\ 3 & 1 & -1 \\ 23 & -51 & 18 \end{bmatrix}$$

$$4506, 88470, \begin{bmatrix} 1 & 2 & 133 \\ 2 & -1 & 0 \\ 133 & 266 & -5 \end{bmatrix}$$

4507, 611, [611]

$$4508, 1840, \begin{bmatrix} 1 & 1 & 4 & 4 & 9 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 3 & 3 & -3 & -3 & 2 \\ 7 & 7 & 5 & 5 & -6 \end{bmatrix}$$

$$4509, 3066, \begin{bmatrix} 2 & 2 & 2 & 39 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 13 & 13 & 13 & -2 \end{bmatrix}$$

$$4510, 1224, \begin{bmatrix} 1 & 3 & 5 & 13 \\ 2 & 1 & -1 & 0 \\ 1 & -3 & -1 & 1 \\ 5 & -2 & 8 & -3 \end{bmatrix}$$

$$4511, 1599, \begin{bmatrix} 6 & 69 \\ 23 & -2 \end{bmatrix}$$

$$4512, 8424, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 15 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 \\ 5 & 5 & 5 & 5 & 5 & 10 & -3 \end{bmatrix}$$

4513, 612, [612]

$$4514, 4690, \begin{bmatrix} 1 & 12 & 18 \\ 6 & -5 & 3 \\ 18 & 15 & -11 \end{bmatrix}$$

$$4515, 1125, \begin{bmatrix} 2 & 3 & 4 & 14 \\ 2 & 0 & -1 & 0 \\ 2 & -2 & 4 & -1 \\ 1 & 6 & 2 & -2 \end{bmatrix}$$

$$4516, 71446, \begin{bmatrix} 1 & 1 & 189 \\ 1 & -1 & 0 \\ 189 & 189 & -2 \end{bmatrix}$$

4517, 613, [613]

$$4518, 5850, \begin{bmatrix} 1 & 2 & 2 & 54 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 6 & 12 & 12 & -1 \end{bmatrix}$$

4519, 614, [614]

$$4520, 3648, \begin{bmatrix} 1 & 1 & 1 & 3 & 30 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 5 & 5 & 5 & 15 & -2 \end{bmatrix}$$

$$4521, 7826, \begin{bmatrix} 2 & 5 & 33 \\ 9 & 3 & -1 \\ 8 & -23 & 3 \end{bmatrix}$$

$$4522, 1300, \begin{bmatrix} 1 & 4 & 7 & 8 \\ 2 & 1 & -2 & 1 \\ 1 & 2 & 1 & -2 \\ 8 & -7 & 4 & -1 \end{bmatrix}$$

4523, 615, [615]

$$4524, 2982, \begin{bmatrix} 1 & 1 & 2 & 6 & 10 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -1 & 0 \\ 5 & 5 & 10 & 30 & -21 \end{bmatrix}$$

$$4525, 594, \begin{bmatrix} 3 & 3 & 42 \\ 1 & -1 & 0 \\ 7 & 7 & -1 \end{bmatrix}$$

$$4526, 3378, \begin{bmatrix} 1 & 11 & 21 \\ 1 & -2 & 1 \\ 53 & 20 & -13 \end{bmatrix}$$

$$4527, 4612, \begin{bmatrix} 2 & 2 & 96 \\ 1 & -1 & 0 \\ 24 & 24 & -1 \end{bmatrix}$$

$$4528, 29800, \begin{bmatrix} 1 & 1 & 1 & 1 & 61 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 61 & 61 & 61 & 61 & -4 \end{bmatrix}$$

$$4529, 6970, \begin{bmatrix} 4 & 118 \\ 59 & -2 \end{bmatrix}$$

$$4530, 27510, \begin{bmatrix} 1 & 2 & 3 & 36 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 18 & 36 & 54 & -7 \end{bmatrix}$$

$$4531, 234, \begin{bmatrix} 9 & 45 \\ 5 & -1 \end{bmatrix}$$

$$4532, 1512, \begin{bmatrix} 1 & 1 & 5 & 27 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 5 & -1 \\ 5 & 5 & -2 & 0 \end{bmatrix}$$

$$4533, 28802, \begin{bmatrix} 2 & 240 \\ 120 & -1 \end{bmatrix}$$

$$4534, 112897, \begin{bmatrix} 1 & 336 \\ 336 & -1 \end{bmatrix}$$

$$4535, 24034, \begin{bmatrix} 3 & 155 \\ 155 & -3 \end{bmatrix}$$

$$4536, 3920, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 & 2 & 4 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & -1 & 1 & 0 \\ 1 & 2 & 1 & 0 & 0 & 0 & 0 & -1 \\ 1 & -2 & 1 & 1 & 1 & 1 & 1 & -2 \\ 6 & -4 & 6 & -3 & -3 & -3 & -3 & 4 \end{bmatrix}$$

$$4537, 2468, \begin{bmatrix} 6 & 70 \\ 35 & -3 \end{bmatrix}$$

$$4538, 113570, \begin{bmatrix} 1 & 337 \\ 337 & -1 \end{bmatrix}$$

$$4539, 13209, \begin{bmatrix} 2 & 7 & 24 \\ 2 & -4 & 1 \\ 103 & 46 & -22 \end{bmatrix}$$

$$4540, 53064, \begin{bmatrix} 1 & 1 & 3 & 49 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 49 & 49 & 147 & -11 \end{bmatrix}$$

$$4541, 692, \begin{bmatrix} 8 & 52 \\ 13 & -2 \end{bmatrix}$$

$$4542, 89805, \begin{bmatrix} 1 & 2 & 134 \\ 2 & -1 & 0 \\ 134 & 268 & -5 \end{bmatrix}$$

$$4543, 330, \begin{bmatrix} 4 & 5 & 17 \\ 3 & 1 & -1 \\ 2 & -5 & 1 \end{bmatrix}$$

$$4544, 9744, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 20 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 10 & 10 & 10 & 10 & 10 & 10 & -3 \end{bmatrix}$$

$$4545, 6930, \begin{bmatrix} 2 & 2 & 3 & 26 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & -24 & 2 \\ 5 & 5 & 2 & -1 \end{bmatrix}$$

$$4546, 114245, \begin{bmatrix} 1 & 338 \\ 338 & -1 \end{bmatrix}$$

4547, 616, [616]

$$4548, 11262, \begin{bmatrix} 1 & 1 & 2 & 75 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 25 & 25 & 50 & -2 \end{bmatrix}$$

4549, 617, [617]

$$4550, 4970, \begin{bmatrix} 1 & 3 & 3 & 4 & 6 \\ 0 & 1 & -1 & 0 & 0 \\ 2 & -1 & -1 & 1 & 0 \\ 2 & 1 & 1 & -2 & 0 \\ 6 & 18 & 18 & 24 & -35 \end{bmatrix}$$

$$4551, 2853, \begin{bmatrix} 2 & 12 & 13 \\ 1 & 2 & -2 \\ 50 & -17 & 8 \end{bmatrix}$$

$$4552, 64914, \begin{bmatrix} 1 & 1 & 1 & 104 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 104 & 104 & 104 & -3 \end{bmatrix}$$

$$4553, 1469, \begin{bmatrix} 10 & 37 \\ 37 & -10 \end{bmatrix}$$

$$4554, 1380, \begin{bmatrix} 1 & 2 & 2 & 5 & 9 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & 0 & 0 & -2 & 1 \\ 1 & 2 & 2 & 0 & -1 \\ 10 & -3 & -3 & 4 & -2 \end{bmatrix}$$

$$4555, 8115, \begin{bmatrix} 3 & 156 \\ 52 & -1 \end{bmatrix}$$

$$4556, 2472, \begin{bmatrix} 1 & 1 & 7 & 19 \\ 1 & -1 & 0 & 0 \\ 16 & 16 & 9 & -5 \\ 1 & 1 & -3 & 1 \end{bmatrix}$$

$$4557, 2826, \begin{bmatrix} 2 & 4 & 4 & 11 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 11 & 22 & 22 & -18 \end{bmatrix}$$

$$4558, 906, \begin{bmatrix} 1 & 14 & 16 \\ 10 & -11 & 9 \\ 2 & 1 & -1 \end{bmatrix}$$

$$4559, 170, \begin{bmatrix} 15 & 25 \\ 5 & -3 \end{bmatrix}$$

$$4560, 7776, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 3 & 8 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 & 0 \\ 1 & 1 & 1 & 1 & 2 & 0 & -1 \\ 1 & 1 & 1 & 1 & 2 & -24 & 8 \end{bmatrix}$$

$$4561, 618, [618]$$

$$4562, 114922, \begin{bmatrix} 1 & 339 \\ 339 & -1 \end{bmatrix}$$

$$4563, 168, \begin{bmatrix} 2 & 2 & 2 & 6 & 6 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -1 & -1 \end{bmatrix}$$

$$4564, 13158, \begin{bmatrix} 1 & 1 & 4 & 38 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 19 & 19 & 76 & -9 \end{bmatrix}$$

$$4565, 10134, \begin{bmatrix} 3 & 5 & 23 \\ 1 & 4 & -1 \\ 97 & -26 & -7 \end{bmatrix}$$

$$4566, 18230, \begin{bmatrix} 1 & 2 & 135 \\ 2 & -1 & 0 \\ 27 & 54 & -1 \end{bmatrix}$$

$$4567, 619, [619]$$

$$4568, 22056, \begin{bmatrix} 1 & 1 & 1 & 105 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 35 & 35 & 35 & -1 \end{bmatrix}$$

$$4569, 58085, \begin{bmatrix} 2 & 241 \\ 241 & -2 \end{bmatrix}$$

$$4570, 38770, \begin{bmatrix} 1 & 3 & 88 \\ 3 & -1 & 0 \\ 44 & 132 & -5 \end{bmatrix}$$

$$4571, 14177, \begin{bmatrix} 4 & 119 \\ 119 & -4 \end{bmatrix}$$

$$4572, 19420, \begin{bmatrix} 1 & 1 & 2 & 2 & 31 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 31 & 31 & 62 & 62 & -10 \end{bmatrix}$$

$$4573, 3298, \begin{bmatrix} 7 & 57 \\ 57 & -7 \end{bmatrix}$$

$$4574, 115601, \begin{bmatrix} 1 & 340 \\ 340 & -1 \end{bmatrix}$$

$$4575, 3806, \begin{bmatrix} 2 & 3 & 3 & 18 \\ 0 & 1 & -1 & 0 \\ 3 & -1 & -1 & 0 \\ 18 & 27 & 27 & -11 \end{bmatrix}$$

$$4576, 1584, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 5 & 6 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & -1 & 0 \\ 3 & 3 & -8 & 3 & 3 & 4 & -4 \end{bmatrix}$$

$$4577, 2197, \begin{bmatrix} 9 & 46 \\ 46 & -9 \end{bmatrix}$$

$$4578, 36204, \begin{bmatrix} 1 & 2 & 4 & 29 \\ 2 & 1 & -1 & 0 \\ 2 & -3 & 1 & 0 \\ 29 & 58 & 116 & -21 \end{bmatrix}$$

$$4579, 2873, \begin{bmatrix} 8 & 53 \\ 53 & -8 \end{bmatrix}$$

$$4580, 55242, \begin{bmatrix} 1 & 1 & 3 & 50 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 50 & 50 & 150 & -11 \end{bmatrix}$$

$$4581, 18834, \begin{bmatrix} 2 & 2 & 97 \\ 1 & -1 & 0 \\ 97 & 97 & -4 \end{bmatrix}$$

$$4582, 585, \begin{bmatrix} 1 & 10 & 22 \\ 6 & -5 & 2 \\ 2 & 2 & -1 \end{bmatrix}$$

4583, 620, [620]

$$4584, 77952, \begin{bmatrix} 1 & 1 & 1 & 2 & 43 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 43 & 43 & 43 & 86 & -7 \end{bmatrix}$$

$$4585, 26225, \begin{bmatrix} 3 & 4 & 32 \\ 4 & -3 & 0 \\ 96 & 128 & -25 \end{bmatrix}$$

$$4586, 116282, \begin{bmatrix} 1 & 341 \\ 341 & -1 \end{bmatrix}$$

$$4587, 13035, \begin{bmatrix} 2 & 5 & 34 \\ 23 & 18 & -4 \\ 8 & -10 & 1 \end{bmatrix}$$

$$4588, 2670, \begin{bmatrix} 1 & 1 & 11 & 12 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 \\ 23 & 23 & -14 & 9 \end{bmatrix}$$

$$4589, 5077, \begin{bmatrix} 6 & 71 \\ 71 & -6 \end{bmatrix}$$

$$4590, 11928, \begin{bmatrix} 1 & 2 & 2 & 2 & 3 & 7 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & 0 & -1 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 0 & 1 & 2 & 1 & 2 & -2 \\ 49 & 27 & -44 & 27 & 5 & -12 \end{bmatrix}$$

4591, 621, [621]

$$4592, 6804, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 13 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 2 & 0 & 0 & 2 & -1 & 0 \\ 1 & 4 & 4 & 1 & 4 & -2 \\ 2 & -5 & -5 & 2 & 8 & -2 \end{bmatrix}$$

$$4593, 29284, \begin{bmatrix} 2 & 242 \\ 121 & -1 \end{bmatrix}$$

$$4594, 116965, \begin{bmatrix} 1 & 342 \\ 342 & -1 \end{bmatrix}$$

$$4595, 24658, \begin{bmatrix} 3 & 157 \\ 157 & -3 \end{bmatrix}$$

$$4596, 17346, \begin{bmatrix} 1 & 1 & 2 & 76 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 38 & 38 & 76 & -3 \end{bmatrix}$$

4597, 622, [622]

$$4598, 1610, \begin{bmatrix} 1 & 5 & 5 & 8 \\ 0 & 1 & -1 & 0 \\ 2 & -1 & -1 & 1 \\ 26 & 15 & 15 & -22 \end{bmatrix}$$

$$4599, 930, \begin{bmatrix} 2 & 2 & 4 & 21 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 7 & 7 & 14 & -4 \end{bmatrix}$$

$$4600, 1224, \begin{bmatrix} 1 & 1 & 1 & 3 & 3 & 9 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & -1 \\ 4 & 4 & 4 & -5 & -5 & 2 \end{bmatrix}$$

$$4601, 70, \begin{bmatrix} 14 & 28 \\ 2 & -1 \end{bmatrix}$$

$$4602, 1650, \begin{bmatrix} 1 & 2 & 6 & 17 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & 2 & -1 \\ 4 & 8 & -9 & 2 \end{bmatrix}$$

$$4603, 623, [623]$$

$$4604, 36102, \begin{bmatrix} 1 & 1 & 190 \\ 1 & -1 & 0 \\ 95 & 95 & -1 \end{bmatrix}$$

$$4605, 51766, \begin{bmatrix} 2 & 3 & 63 \\ 3 & -2 & 0 \\ 126 & 189 & -13 \end{bmatrix}$$

$$4606, 2580, \begin{bmatrix} 1 & 4 & 4 & 15 \\ 0 & 1 & -1 & 0 \\ 1 & -2 & -2 & 1 \\ 34 & 7 & 7 & -6 \end{bmatrix}$$

$$4607, 3413, \begin{bmatrix} 7 & 58 \\ 58 & -7 \end{bmatrix}$$

$$4608, 17408, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & -1 & 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & -1 & -1 & 0 & -1 & -1 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 & 1 & 1 & 1 & 1 & -2 & -2 \\ 1 & 1 & 1 & 1 & -16 & 1 & 1 & 1 & 1 & 2 & 2 \end{bmatrix}$$

$$4609, 6586, \begin{bmatrix} 5 & 81 \\ 81 & -5 \end{bmatrix}$$

$$4610, 79310, \begin{bmatrix} 1 & 3 & 89 \\ 3 & -1 & 0 \\ 89 & 267 & -10 \end{bmatrix}$$

$$4611, 540, \begin{bmatrix} 2 & 10 & 16 \\ 7 & 5 & -4 \\ 2 & -2 & 1 \end{bmatrix}$$

$$4612, 72966, \begin{bmatrix} 1 & 1 & 191 \\ 1 & -1 & 0 \\ 191 & 191 & -2 \end{bmatrix}$$

$$4613, 3604, \begin{bmatrix} 4 & 120 \\ 30 & -1 \end{bmatrix}$$

$$4614, 92505, \begin{bmatrix} 1 & 2 & 136 \\ 2 & -1 & 0 \\ 136 & 272 & -5 \end{bmatrix}$$

$$4615, 445, \begin{bmatrix} 3 & 6 & 20 \\ 2 & -1 & 0 \\ 4 & 8 & -3 \end{bmatrix}$$

$$4616, 67434, \begin{bmatrix} 1 & 1 & 1 & 106 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 106 & 106 & 106 & -3 \end{bmatrix}$$

$$4617, 1176, \begin{bmatrix} 2 & 2 & 2 & 2 & 2 & 8 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 2 & 0 & 1 & -1 \\ 2 & -1 & -2 & -1 & 2 & 0 \\ 1 & 4 & -2 & 4 & 1 & -2 \end{bmatrix}$$

$$4618, 117650, \begin{bmatrix} 1 & 343 \\ 343 & -1 \end{bmatrix}$$

$$4619, 1346, \begin{bmatrix} 11 & 35 \\ 35 & -11 \end{bmatrix}$$

$$4620, 1344, \begin{bmatrix} 1 & 1 & 2 & 3 & 4 & 5 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 & 0 \\ 1 & 1 & -2 & -1 & 0 & 1 \\ 1 & 1 & -1 & 2 & 1 & -2 \\ 1 & 1 & 2 & -4 & 4 & -2 \end{bmatrix}$$

4621, 624, [624]

$$4622, 118337, \begin{bmatrix} 1 & 344 \\ 344 & -1 \end{bmatrix}$$

$$4623, 5798, \begin{bmatrix} 2 & 9 & 19 \\ 4 & -3 & 1 \\ 33 & 37 & -21 \end{bmatrix}$$

$$4624, 816, \begin{bmatrix} 1 & 1 & 1 & 1 & 7 & 7 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 7 & 7 & 7 & 7 & -2 & -2 \end{bmatrix}$$

$$4625, 342, \begin{bmatrix} 3 & 3 & 3 & 12 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 4 & 4 & 4 & -3 \end{bmatrix}$$

$$4626, 54612, \begin{bmatrix} 1 & 2 & 2 & 55 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 55 & 110 & 110 & -9 \end{bmatrix}$$

$$4627, 14657, \begin{bmatrix} 4 & 121 \\ 121 & -4 \end{bmatrix}$$

$$4628, 10438, \begin{bmatrix} 1 & 1 & 6 & 24 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 4 & -1 \\ 51 & 51 & -1 & -4 \end{bmatrix}$$

$$4629, 59053, \begin{bmatrix} 2 & 243 \\ 243 & -2 \end{bmatrix}$$

$$4630, 8110, \begin{bmatrix} 1 & 3 & 90 \\ 3 & -1 & 0 \\ 9 & 27 & -1 \end{bmatrix}$$

$$4631, 6749, \begin{bmatrix} 5 & 82 \\ 82 & -5 \end{bmatrix}$$

$$4632, 81606, \begin{bmatrix} 1 & 1 & 1 & 2 & 44 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 44 & 44 & 44 & 88 & -7 \end{bmatrix}$$

$$4633, 1069, \begin{bmatrix} 13 & 30 \\ 30 & -13 \end{bmatrix}$$

$$4634, 76602, \begin{bmatrix} 1 & 4 & 67 \\ 4 & -1 & 0 \\ 67 & 268 & -17 \end{bmatrix}$$

$$4635, 25364, \begin{bmatrix} 2 & 2 & 3 & 27 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -4 & 0 \\ 54 & 54 & 81 & -17 \end{bmatrix}$$

$$4636, 1560, \begin{bmatrix} 1 & 1 & 8 & 18 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & 1 & -1 \\ 1 & 1 & -7 & 3 \end{bmatrix}$$

$$4637, 625, [625]$$

$$4638, 93870, \begin{bmatrix} 1 & 2 & 137 \\ 2 & -1 & 0 \\ 137 & 274 & -5 \end{bmatrix}$$

$$4639, 626, [626]$$

$$4640, 8208, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 3 & 10 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 0 & 1 & 1 & 2 & -1 \\ 1 & 1 & 2 & 1 & 1 & -2 & 0 \\ 4 & 4 & -15 & 4 & 4 & -7 & 2 \end{bmatrix}$$

$$4641, 630, \begin{bmatrix} 2 & 4 & 6 & 7 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 1 & 2 & 3 & -4 \end{bmatrix}$$

$$4642, 49170, \begin{bmatrix} 1 & 5 & 47 \\ 3 & -10 & 1 \\ 95 & 28 & -5 \end{bmatrix}$$

4643, 627, [627]

$$4644, 1260, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 14 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 2 & 2 & 2 & -1 \\ 2 & 2 & -3 & 4 & -3 & 0 \end{bmatrix}$$

$$4645, 24973, \begin{bmatrix} 3 & 158 \\ 158 & -3 \end{bmatrix}$$

$$4646, 8338, \begin{bmatrix} 1 & 9 & 26 \\ 1 & -3 & 1 \\ 87 & 25 & -12 \end{bmatrix}$$

$$4647, 29770, \begin{bmatrix} 2 & 244 \\ 122 & -1 \end{bmatrix}$$

$$4648, 62472, \begin{bmatrix} 1 & 1 & 1 & 4 & 23 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 4 & 4 & 4 & -3 & 0 \\ 23 & 23 & 23 & 92 & -19 \end{bmatrix}$$

4649, 628, [628]

$$4650, 1728, \begin{bmatrix} 1 & 2 & 3 & 3 & 11 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 2 & -1 & 3 & -1 \\ 3 & -2 & 3 & 1 & -1 \\ 2 & -2 & -3 & 0 & 1 \end{bmatrix}$$

4651, 629, [629]

$$4652, 36866, \begin{bmatrix} 1 & 1 & 192 \\ 1 & -1 & 0 \\ 96 & 96 & -1 \end{bmatrix}$$

$$4653, 2580, \begin{bmatrix} 2 & 2 & 5 & 15 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 3 & -1 \\ 25 & 25 & -2 & -6 \end{bmatrix}$$

$$4654, 53258, \begin{bmatrix} 1 & 6 & 41 \\ 5 & 6 & -1 \\ 126 & -103 & 12 \end{bmatrix}$$

$$4655, 210, \begin{bmatrix} 3 & 4 & 4 & 8 \\ 0 & 1 & -1 & 0 \\ 0 & 1 & 1 & -1 \\ 8 & -1 & -1 & -2 \end{bmatrix}$$

$$4656, 20256, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 25 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 25 & 25 & 25 & 25 & 50 & -8 \end{bmatrix}$$

4657, 630, [630]

$$4658, 20502, \begin{bmatrix} 1 & 7 & 33 \\ 16 & -7 & 1 \\ 14 & 31 & -7 \end{bmatrix}$$

$$4659, 60029, \begin{bmatrix} 2 & 245 \\ 245 & -2 \end{bmatrix}$$

$$4660, 57464, \begin{bmatrix} 1 & 1 & 3 & 51 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 51 & 51 & 153 & -11 \end{bmatrix}$$

$$4661, 773, \begin{bmatrix} 17 & 22 \\ 22 & -17 \end{bmatrix}$$

$$4662, 7098, \begin{bmatrix} 1 & 2 & 2 & 4 & 12 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & 1 & -1 & 0 \\ 0 & 1 & 1 & 2 & -1 \\ 84 & -1 & -1 & -2 & -6 \end{bmatrix}$$

$$4663, 631, [631]$$

$$4664, 11928, \begin{bmatrix} 1 & 1 & 1 & 5 & 16 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 3 & 1 & -1 & 0 \\ 4 & -3 & 4 & -1 & 0 \\ 4 & 4 & 4 & 20 & -7 \end{bmatrix}$$

$$4665, 53417, \begin{bmatrix} 2 & 3 & 64 \\ 3 & -2 & 0 \\ 128 & 192 & -13 \end{bmatrix}$$

$$4666, 119026, \begin{bmatrix} 1 & 345 \\ 345 & -1 \end{bmatrix}$$

$$4667, 870, \begin{bmatrix} 6 & 72 \\ 12 & -1 \end{bmatrix}$$

$$4668, 35610, \begin{bmatrix} 1 & 1 & 2 & 77 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 77 & 77 & 154 & -6 \end{bmatrix}$$

$$4669, 1773, \begin{bmatrix} 4 & 9 & 10 \\ 2 & -2 & 1 \\ 29 & 16 & -26 \end{bmatrix}$$

$$4670, 82910, \begin{bmatrix} 1 & 3 & 91 \\ 3 & -1 & 0 \\ 91 & 273 & -10 \end{bmatrix}$$

$$4671, 4836, \begin{bmatrix} 2 & 2 & 2 & 40 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 20 & 20 & 20 & -3 \end{bmatrix}$$

$$4672, 7152, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 21 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 7 & 7 & 7 & 7 & 7 & 7 & -2 \end{bmatrix}$$

4673, 632, [632]

$$4674, 1190, \begin{bmatrix} 1 & 2 & 8 & 13 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & 1 & -1 \\ 3 & 6 & -10 & 5 \end{bmatrix}$$

$$4675, 920, \begin{bmatrix} 3 & 3 & 5 & 7 \\ 1 & -1 & 0 & 0 \\ 9 & 9 & -8 & -2 \\ 1 & 1 & 3 & -3 \end{bmatrix}$$

$$4676, 9234, \begin{bmatrix} 1 & 1 & 4 & 39 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 13 & 13 & 52 & -6 \end{bmatrix}$$

$$4677, 30260, \begin{bmatrix} 2 & 246 \\ 123 & -1 \end{bmatrix}$$

$$4678, 119717, \begin{bmatrix} 1 & 346 \\ 346 & -1 \end{bmatrix}$$

$$4679, 633, [633]$$

$$4680, 2688, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 3 & 6 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 1 & 0 & 1 & -1 \\ 1 & -1 & 1 & 0 & -2 & 1 & 0 \\ 1 & -2 & 1 & 1 & 2 & 0 & -1 \\ 1 & 1 & 1 & -5 & 2 & 3 & -1 \end{bmatrix}$$

$$4681, 1417, \begin{bmatrix} 11 & 36 \\ 36 & -11 \end{bmatrix}$$

$$4682, 120410, \begin{bmatrix} 1 & 347 \\ 347 & -1 \end{bmatrix}$$

$$4683, 5810, \begin{bmatrix} 2 & 4 & 48 \\ 2 & -1 & 0 \\ 24 & 48 & -5 \end{bmatrix}$$

$$4684, 74502, \begin{bmatrix} 1 & 1 & 193 \\ 1 & -1 & 0 \\ 193 & 193 & -2 \end{bmatrix}$$

$$4685, 8430, \begin{bmatrix} 3 & 159 \\ 53 & -1 \end{bmatrix}$$

$$4686, 1290, \begin{bmatrix} 1 & 2 & 5 & 20 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 2 & 4 & 10 & -3 \end{bmatrix}$$

$$4687, 1037, \begin{bmatrix} 14 & 29 \\ 29 & -14 \end{bmatrix}$$

$$4688, 15392, \begin{bmatrix} 1 & 1 & 1 & 1 & 62 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 31 & 31 & 31 & 31 & -2 \end{bmatrix}$$

$$4689, 9612, \begin{bmatrix} 2 & 2 & 98 \\ 1 & -1 & 0 \\ 49 & 49 & -2 \end{bmatrix}$$

$$4690, 5805, \begin{bmatrix} 1 & 3 & 4 & 19 \\ 1 & 1 & -1 & 0 \\ 1 & 2 & 3 & -1 \\ 34 & -27 & 7 & 1 \end{bmatrix}$$

4691, 634, [634]

$$4692, 544, \begin{bmatrix} 1 & 1 & 2 & 7 & 9 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 1 & -1 \\ 1 & 1 & -2 & -1 & 1 \\ 2 & 2 & 4 & -3 & 1 \end{bmatrix}$$

$$4693, 164, \begin{bmatrix} 6 & 8 & 8 \\ 0 & 1 & -1 \\ 8 & -3 & -3 \end{bmatrix}$$

$$4694, 121105, \begin{bmatrix} 1 & 348 \\ 348 & -1 \end{bmatrix}$$

$$4695, 4238, \begin{bmatrix} 2 & 3 & 65 \\ 3 & -2 & 0 \\ 10 & 15 & -1 \end{bmatrix}$$

$$4696, 68712, \begin{bmatrix} 1 & 1 & 1 & 107 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 107 & 107 & 107 & -3 \end{bmatrix}$$

$$4697, 3285, \begin{bmatrix} 4 & 5 & 18 \\ 2 & 2 & -1 \\ 41 & -40 & 2 \end{bmatrix}$$

$$4698, 2808, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 10 \\ 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & -1 & -1 & 1 & 0 \\ 2 & 1 & 1 & 1 & 1 & -1 \\ 16 & -7 & -7 & -7 & -7 & 4 \end{bmatrix}$$

$$4699, 1105, \begin{bmatrix} 12 & 31 \\ 31 & -12 \end{bmatrix}$$

$$4700, 1960, \begin{bmatrix} 1 & 1 & 3 & 3 & 15 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 3 & 3 & -1 & -1 & 0 \\ 3 & 3 & 9 & 9 & -4 \end{bmatrix}$$

$$4701, 61013, \begin{bmatrix} 2 & 247 \\ 247 & -2 \end{bmatrix}$$

$$4702, 121802, \begin{bmatrix} 1 & 349 \\ 349 & -1 \end{bmatrix}$$

$$4703, 635, [635]$$

$$4704, 8856, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 4 & 4 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 & 0 \\ 8 & 8 & 8 & 8 & 8 & 16 & -9 & -9 \end{bmatrix}$$

$$4705, 25609, \begin{bmatrix} 3 & 160 \\ 160 & -3 \end{bmatrix}$$

$$4706, 66637, \begin{bmatrix} 1 & 6 & 42 \\ 6 & -1 & 0 \\ 42 & 252 & -37 \end{bmatrix}$$

$$4707, 19618, \begin{bmatrix} 2 & 2 & 99 \\ 1 & -1 & 0 \\ 99 & 99 & -4 \end{bmatrix}$$

$$4708, 43794, \begin{bmatrix} 1 & 1 & 5 & 28 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & -2 & 0 \\ 28 & 28 & 140 & -27 \end{bmatrix}$$

$$4709, 3530, \begin{bmatrix} 7 & 59 \\ 59 & -7 \end{bmatrix}$$

$$4710, 58086, \begin{bmatrix} 1 & 2 & 3 & 37 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 37 & 74 & 111 & -14 \end{bmatrix}$$

$$4711, 7450, \begin{bmatrix} 4 & 122 \\ 61 & -2 \end{bmatrix}$$

$$4712, 5640, \begin{bmatrix} 1 & 1 & 1 & 8 & 11 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 19 & 19 & 19 & -36 & 21 \end{bmatrix}$$

$$4713, 30754, \begin{bmatrix} 2 & 248 \\ 124 & -1 \end{bmatrix}$$

$$4714, 122501, \begin{bmatrix} 1 & 350 \\ 350 & -1 \end{bmatrix}$$

$$4715, 2590, \begin{bmatrix} 3 & 9 & 13 \\ 5 & -6 & 3 \\ 15 & 8 & -9 \end{bmatrix}$$

$$4716, 10340, \begin{bmatrix} 1 & 1 & 2 & 2 & 32 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 16 & 16 & 32 & 32 & -5 \end{bmatrix}$$

$$4717, 104, \begin{bmatrix} 16 & 24 \\ 3 & -2 \end{bmatrix}$$

$$4718, 4641, \begin{bmatrix} 1 & 4 & 68 \\ 4 & -1 & 0 \\ 4 & 16 & -1 \end{bmatrix}$$

$$4719, 180, \begin{bmatrix} 2 & 5 & 5 & 6 \\ 0 & 1 & -1 & 0 \\ 3 & 0 & 0 & -1 \\ 1 & -2 & -2 & 3 \end{bmatrix}$$

$$4720, 31408, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 17 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 3 & 3 & 3 & 3 & -4 & 0 \\ 17 & 17 & 17 & 17 & 51 & -13 \end{bmatrix}$$

$$4721, 636, [636]$$

$$4722, 95245, \begin{bmatrix} 1 & 2 & 138 \\ 2 & -1 & 0 \\ 138 & 276 & -5 \end{bmatrix}$$

$$4723, 637, [637]$$

$$4724, 37638, \begin{bmatrix} 1 & 1 & 194 \\ 1 & -1 & 0 \\ 97 & 97 & -1 \end{bmatrix}$$

$$4725, 1380, \begin{bmatrix} 2 & 2 & 2 & 3 & 3 & 4 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & -1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 4 & 4 & 4 & 6 & 6 & -15 \end{bmatrix}$$

$$4726, 10854, \begin{bmatrix} 1 & 7 & 34 \\ 1 & -5 & 1 \\ 59 & 11 & -4 \end{bmatrix}$$

$$4727, 772, \begin{bmatrix} 10 & 38 \\ 19 & -5 \end{bmatrix}$$

$$4728, 85344, \begin{bmatrix} 1 & 1 & 1 & 2 & 45 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 45 & 45 & 45 & 90 & -7 \end{bmatrix}$$

$$4729, 638, [638]$$

$$4730, 2310, \begin{bmatrix} 1 & 3 & 5 & 14 \\ 3 & -1 & 0 & 0 \\ 1 & 3 & -2 & 0 \\ 2 & 6 & 10 & -5 \end{bmatrix}$$

$$4731, 10149, \begin{bmatrix} 2 & 8 & 23 \\ 4 & -1 & 0 \\ 23 & 92 & -34 \end{bmatrix}$$

$$4732, 540, \begin{bmatrix} 1 & 1 & 4 & 6 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 2 & 2 & -1 & 0 & 0 \\ 2 & 2 & 8 & -3 & -3 \end{bmatrix}$$

$$4733, 639, [639]$$

$$4734, 56610, \begin{bmatrix} 1 & 2 & 2 & 56 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 56 & 112 & 112 & -9 \end{bmatrix}$$

$$4735, 25930, \begin{bmatrix} 3 & 161 \\ 161 & -3 \end{bmatrix}$$

$$4736, 50736, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 12 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & 0 & -2 & 1 & 1 & 0 \\ 1 & 1 & 1 & -6 & 1 & 1 & 1 & 0 \\ 12 & 12 & 12 & 12 & 12 & 12 & 12 & -7 \end{bmatrix}$$

$$4737, 62005, \begin{bmatrix} 2 & 249 \\ 249 & -2 \end{bmatrix}$$

$$4738, 8110, \begin{bmatrix} 1 & 9 & 27 \\ 0 & 3 & -1 \\ 90 & -1 & -3 \end{bmatrix}$$

$$4739, 15145, \begin{bmatrix} 4 & 123 \\ 123 & -4 \end{bmatrix}$$

$$4740, 14970, \begin{bmatrix} 1 & 1 & 2 & 3 & 22 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 22 & 22 & 44 & 66 & -15 \end{bmatrix}$$

$$4741, 6914, \begin{bmatrix} 5 & 83 \\ 83 & -5 \end{bmatrix}$$

$$4742, 123202, \begin{bmatrix} 1 & 351 \\ 351 & -1 \end{bmatrix}$$

$$4743, 712, \begin{bmatrix} 2 & 2 & 7 & 11 \\ 1 & -1 & 0 & 0 \\ 9 & 9 & -13 & 5 \\ 1 & 1 & 1 & -1 \end{bmatrix}$$

$$4744, 23334, \begin{bmatrix} 1 & 1 & 1 & 108 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 36 & 36 & 36 & -1 \end{bmatrix}$$

$$4745, 486, \begin{bmatrix} 3 & 6 & 21 \\ 5 & 1 & -1 \\ 1 & -4 & 1 \end{bmatrix}$$

$$4746, 12894, \begin{bmatrix} 1 & 2 & 4 & 30 \\ 2 & 1 & -1 & 0 \\ 2 & -3 & 1 & 0 \\ 10 & 20 & 40 & -7 \end{bmatrix}$$

$$4747, 901, \begin{bmatrix} 15 & 26 \\ 26 & -15 \end{bmatrix}$$

$$4748, 76054, \begin{bmatrix} 1 & 1 & 195 \\ 1 & -1 & 0 \\ 195 & 195 & -2 \end{bmatrix}$$

$$4749, 31252, \begin{bmatrix} 2 & 250 \\ 125 & -1 \end{bmatrix}$$

$$4750, 2760, \begin{bmatrix} 1 & 3 & 3 & 3 & 8 \\ 0 & 1 & 0 & -1 & 0 \\ 1 & -1 & -1 & -1 & 1 \\ 0 & 1 & -2 & 1 & 0 \\ 33 & 7 & 7 & 7 & -12 \end{bmatrix}$$

$$4751, 640, [640]$$

$$4752, 10496, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 2 & 5 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 0 & -2 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 2 & -2 & 0 \\ 5 & 5 & 5 & 5 & 10 & 10 & 10 & -16 \end{bmatrix}$$

$$4753, 1314, \begin{bmatrix} 4 & 4 & 25 \\ 1 & -1 & 0 \\ 25 & 25 & -8 \end{bmatrix}$$

$$4754, 123905, \begin{bmatrix} 1 & 352 \\ 352 & -1 \end{bmatrix}$$

$$4755, 56797, \begin{bmatrix} 2 & 3 & 66 \\ 3 & -2 & 0 \\ 132 & 198 & -13 \end{bmatrix}$$

$$4756, 7046, \begin{bmatrix} 1 & 1 & 10 & 13 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 2 & -2 \\ 23 & 23 & -41 & 28 \end{bmatrix}$$

$$4757, 761, \begin{bmatrix} 19 & 20 \\ 20 & -19 \end{bmatrix}$$

$$4758, 3650, \begin{bmatrix} 1 & 2 & 6 & 18 \\ 2 & -1 & 0 & 0 \\ 0 & 0 & 3 & -1 \\ 12 & 24 & -1 & -3 \end{bmatrix}$$

$$4759, 641, [641]$$

$$4760, 1386, \begin{bmatrix} 1 & 1 & 1 & 3 & 4 & 7 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 1 & -1 & 0 \\ 0 & 0 & 0 & 1 & 1 & -1 \\ 3 & 3 & 3 & -2 & 1 & -1 \\ 3 & -4 & 3 & 2 & -2 & 0 \end{bmatrix}$$

$$4761, 340, \begin{bmatrix} 2 & 2 & 9 & 9 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 9 & 9 & -2 & -2 \end{bmatrix}$$

$$4762, 124610, \begin{bmatrix} 1 & 353 \\ 353 & -1 \end{bmatrix}$$

$$4763, 7081, \begin{bmatrix} 5 & 84 \\ 84 & -5 \end{bmatrix}$$

$$4764, 6090, \begin{bmatrix} 1 & 1 & 2 & 78 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 13 & 13 & 26 & -1 \end{bmatrix}$$

$$4765, 8751, \begin{bmatrix} 3 & 162 \\ 54 & -1 \end{bmatrix}$$

$$4766, 125317, \begin{bmatrix} 1 & 354 \\ 354 & -1 \end{bmatrix}$$

$$4767, 12105, \begin{bmatrix} 2 & 4 & 49 \\ 2 & -1 & 0 \\ 49 & 98 & -10 \end{bmatrix}$$

$$4768, 9840, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 35 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 7 & 7 & 7 & 7 & 7 & -1 \end{bmatrix}$$

$$4769, 1490, \begin{bmatrix} 8 & 54 \\ 27 & -4 \end{bmatrix}$$

$$4770, 7398, \begin{bmatrix} 1 & 2 & 2 & 3 & 16 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 0 & -2 & 1 & 0 \\ 2 & -2 & 1 & 0 & 0 \\ 8 & 16 & 16 & 24 & -9 \end{bmatrix}$$

$$4771, 5365, \begin{bmatrix} 6 & 73 \\ 73 & -6 \end{bmatrix}$$

$$4772, 38418, \begin{bmatrix} 1 & 1 & 196 \\ 1 & -1 & 0 \\ 98 & 98 & -1 \end{bmatrix}$$

$$4773, 516, \begin{bmatrix} 2 & 12 & 14 \\ 1 & 1 & -1 \\ 13 & -8 & 5 \end{bmatrix}$$

$$4774, 6846, \begin{bmatrix} 1 & 4 & 5 & 11 \\ 1 & 1 & -1 & 0 \\ 3 & -2 & 1 & 0 \\ 11 & 44 & 55 & -42 \end{bmatrix}$$

$$4775, 3734, \begin{bmatrix} 3 & 3 & 43 \\ 1 & -1 & 0 \\ 43 & 43 & -6 \end{bmatrix}$$

$$4776, 89166, \begin{bmatrix} 1 & 1 & 1 & 2 & 46 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 46 & 46 & 46 & 92 & -7 \end{bmatrix}$$

$$4777, 3649, \begin{bmatrix} 7 & 60 \\ 60 & -7 \end{bmatrix}$$

$$4778, 126026, \begin{bmatrix} 1 & 355 \\ 355 & -1 \end{bmatrix}$$

$$4779, 2440, \begin{bmatrix} 2 & 2 & 2 & 2 & 17 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 17 & 17 & 17 & 17 & -8 \end{bmatrix}$$

$$4780, 59730, \begin{bmatrix} 1 & 1 & 3 & 52 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 52 & 52 & 156 & -11 \end{bmatrix}$$

$$4781, 3848, \begin{bmatrix} 4 & 124 \\ 31 & -1 \end{bmatrix}$$

$$4782, 96630, \begin{bmatrix} 1 & 2 & 139 \\ 2 & -1 & 0 \\ 139 & 278 & -5 \end{bmatrix}$$

4783, 642, [642]

$$4784, 10648, \begin{bmatrix} 1 & 1 & 1 & 1 & 6 & 9 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 3 & 3 & 3 & 3 & 7 & -6 \\ 9 & 9 & 9 & 9 & -12 & 4 \end{bmatrix}$$

$$4785, 2070, \begin{bmatrix} 2 & 3 & 5 & 10 \\ 1 & 1 & -1 & 0 \\ 6 & -14 & -8 & 7 \\ 4 & -1 & 3 & -2 \end{bmatrix}$$

$$4786, 126737, \begin{bmatrix} 1 & 356 \\ 356 & -1 \end{bmatrix}$$

4787, 643, [643]

$$4788, 540, \begin{bmatrix} 1 & 1 & 2 & 2 & 4 & 8 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & -2 & 1 \\ 2 & 2 & 1 & 1 & 2 & -2 \end{bmatrix}$$

4789, 644, [644]

$$4790, 42370, \begin{bmatrix} 1 & 3 & 92 \\ 3 & -1 & 0 \\ 46 & 138 & -5 \end{bmatrix}$$

$$4791, 63005, \begin{bmatrix} 2 & 251 \\ 251 & -2 \end{bmatrix}$$

$$4792, 71304, \begin{bmatrix} 1 & 1 & 1 & 109 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 109 & 109 & 109 & -3 \end{bmatrix}$$

4793, 645, [645]

$$4794, 8370, \begin{bmatrix} 1 & 2 & 7 & 15 \\ 1 & 0 & 2 & -1 \\ 4 & 5 & -2 & 0 \\ 21 & -20 & -8 & 5 \end{bmatrix}$$

$$4795, 25622, \begin{bmatrix} 3 & 4 & 33 \\ 3 & 6 & -1 \\ 101 & -51 & -3 \end{bmatrix}$$

$$4796, 26040, \begin{bmatrix} 1 & 1 & 5 & 29 \\ 1 & -1 & 0 & 0 \\ 14 & 14 & -23 & 3 \\ 11 & 11 & 13 & -3 \end{bmatrix}$$

$$4797, 2982, \begin{bmatrix} 2 & 2 & 6 & 13 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 3 & -2 \\ 17 & 17 & -20 & 4 \end{bmatrix}$$

$$4798, 127450, \begin{bmatrix} 1 & 357 \\ 357 & -1 \end{bmatrix}$$

4799, 646, [646]

$$4800, 2688, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 3 & 3 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 0 & 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & -1 & -1 & 1 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 0 & 1 & 2 & -1 & -1 \\ 1 & -6 & -6 & -6 & -6 & 1 & 2 & 3 & 3 \end{bmatrix}$$

4801, 647, [647]

$$4802, 520, \begin{bmatrix} 1 & 4 & 4 & 4 & 4 \\ 0 & 1 & 0 & 0 & -1 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -1 & -1 & 1 \\ 16 & -1 & -1 & -1 & -1 \end{bmatrix}$$

$$4803, 31754, \begin{bmatrix} 2 & 252 \\ 126 & -1 \end{bmatrix}$$

$$4804, 77622, \begin{bmatrix} 1 & 1 & 197 \\ 1 & -1 & 0 \\ 197 & 197 & -2 \end{bmatrix}$$

$$4805, 502, \begin{bmatrix} 3 & 11 & 11 \\ 0 & 1 & -1 \\ 22 & -3 & -3 \end{bmatrix}$$

$$4806, 45942, \begin{bmatrix} 1 & 2 & 2 & 2 & 24 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 18 & 5 & 5 & 5 & -2 \\ 12 & -14 & -14 & -14 & 3 \end{bmatrix}$$

$$4807, 510, \begin{bmatrix} 5 & 8 & 9 \\ 5 & -2 & -1 \\ 1 & 5 & -5 \end{bmatrix}$$

$$4808, 72618, \begin{bmatrix} 1 & 1 & 1 & 110 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 110 & 110 & 110 & -3 \end{bmatrix}$$

$$4809, 1260, \begin{bmatrix} 2 & 4 & 50 \\ 2 & -1 & 0 \\ 5 & 10 & -1 \end{bmatrix}$$

$$4810, 950, \begin{bmatrix} 1 & 3 & 6 & 12 \\ 0 & 0 & 2 & -1 \\ 3 & -1 & 0 & 0 \\ 3 & 9 & -1 & -2 \end{bmatrix}$$

$$4811, 3770, \begin{bmatrix} 7 & 61 \\ 61 & -7 \end{bmatrix}$$

$$4812, 37482, \begin{bmatrix} 1 & 1 & 2 & 79 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 79 & 79 & 158 & -6 \end{bmatrix}$$

$$4813, 648, [648]$$

$$4814, 630, \begin{bmatrix} 1 & 10 & 23 \\ 4 & -5 & 2 \\ 3 & 2 & -1 \end{bmatrix}$$

$$4815, 17622, \begin{bmatrix} 2 & 2 & 3 & 28 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & 12 & -2 \\ 19 & 19 & -16 & -1 \end{bmatrix}$$

$$4816, 3888, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 14 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 2 & 0 & 0 & 2 & -1 & 0 \\ 1 & -2 & -2 & 1 & 4 & -1 \\ 1 & 5 & 5 & 1 & 4 & -2 \end{bmatrix}$$

$$4817, 649, [649]$$

$$4818, 4710, \begin{bmatrix} 1 & 2 & 5 & 21 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 7 & 14 & 35 & -10 \end{bmatrix}$$

$$4819, 404, \begin{bmatrix} 18 & 22 \\ 11 & -9 \end{bmatrix}$$

$$4820, 39480, \begin{bmatrix} 1 & 1 & 3 & 53 \\ 1 & -1 & 0 & 0 \\ 13 & 13 & 9 & -1 \\ 8 & 8 & -23 & 1 \end{bmatrix}$$

$$4821, 64013, \begin{bmatrix} 2 & 253 \\ 253 & -2 \end{bmatrix}$$

$$4822, 128165, \begin{bmatrix} 1 & 358 \\ 358 & -1 \end{bmatrix}$$

$$4823, 462, \begin{bmatrix} 4 & 6 & 16 \\ 5 & 2 & -2 \\ 2 & -4 & 1 \end{bmatrix}$$

$$4824, 13392, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 19 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 4 & 4 & -1 \\ 13 & 13 & 13 & -5 & -5 & -1 \end{bmatrix}$$

$$4825, 1954, \begin{bmatrix} 3 & 3 & 44 \\ 1 & -1 & 0 \\ 22 & 22 & -3 \end{bmatrix}$$

$$4826, 3078, \begin{bmatrix} 1 & 8 & 31 \\ 22 & 5 & -2 \\ 1 & -4 & 1 \end{bmatrix}$$

$$4827, 32260, \begin{bmatrix} 2 & 254 \\ 127 & -1 \end{bmatrix}$$

$$4828, 15334, \begin{bmatrix} 1 & 1 & 7 & 20 \\ 1 & -1 & 0 & 0 \\ 14 & 14 & 16 & -7 \\ 9 & 9 & -14 & 4 \end{bmatrix}$$

$$4829, 1450, \begin{bmatrix} 5 & 85 \\ 17 & -1 \end{bmatrix}$$

$$4830, 1332, \begin{bmatrix} 1 & 2 & 3 & 4 & 9 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 0 & 1 & -1 & 0 \\ 0 & 1 & 1 & 1 & -1 \\ 12 & -13 & -1 & 11 & -3 \end{bmatrix}$$

$$4831, 650, [650]$$

$$4832, 52040, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 36 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 36 & 36 & 36 & 36 & 36 & -5 \end{bmatrix}$$

$$4833, 10158, \begin{bmatrix} 2 & 2 & 2 & 41 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 41 & 41 & 41 & -6 \end{bmatrix}$$

$$4834, 128882, \begin{bmatrix} 1 & 359 \\ 359 & -1 \end{bmatrix}$$

$$4835, 26578, \begin{bmatrix} 3 & 163 \\ 163 & -3 \end{bmatrix}$$

$$4836, 6846, \begin{bmatrix} 1 & 1 & 2 & 6 & 11 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -1 & 0 \\ 11 & 11 & 22 & 66 & -42 \end{bmatrix}$$

$$4837, 15641, \begin{bmatrix} 4 & 125 \\ 125 & -4 \end{bmatrix}$$

$$4838, 2754, \begin{bmatrix} 1 & 13 & 17 \\ 4 & 1 & -1 \\ 10 & -23 & 17 \end{bmatrix}$$

$$4839, 65029, \begin{bmatrix} 2 & 255 \\ 255 & -2 \end{bmatrix}$$

$$4840, 1488, \begin{bmatrix} 1 & 1 & 1 & 3 & 5 & 5 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & 1 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 5 & 5 & 5 & 15 & -6 & -6 \end{bmatrix}$$

$$4841, 318, \begin{bmatrix} 15 & 27 \\ 9 & -5 \end{bmatrix}$$

$$4842, 19548, \begin{bmatrix} 1 & 2 & 2 & 57 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 19 & 38 & 38 & -3 \end{bmatrix}$$

$$4843, 1621, \begin{bmatrix} 10 & 39 \\ 39 & -10 \end{bmatrix}$$

$$4844, 14562, \begin{bmatrix} 1 & 1 & 4 & 40 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 20 & 20 & 80 & -9 \end{bmatrix}$$

$$4845, 378, \begin{bmatrix} 2 & 3 & 7 & 8 \\ 2 & 1 & -1 & 0 \\ 1 & 0 & 2 & -2 \\ 2 & -4 & 0 & 1 \end{bmatrix}$$

$$4846, 129601, \begin{bmatrix} 1 & 360 \\ 360 & -1 \end{bmatrix}$$

$$4847, 292, \begin{bmatrix} 12 & 32 \\ 8 & -3 \end{bmatrix}$$

$$4848, 10944, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 26 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 13 & 13 & 13 & 13 & 26 & -4 \end{bmatrix}$$

$$4849, 2756, \begin{bmatrix} 6 & 74 \\ 37 & -3 \end{bmatrix}$$

$$4850, 16744, \begin{bmatrix} 1 & 3 & 3 & 25 \\ 0 & 1 & -1 & 0 \\ 19 & 1 & 1 & -1 \\ 2 & -17 & -17 & 4 \end{bmatrix}$$

$$4851, 260, \begin{bmatrix} 2 & 2 & 4 & 4 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 1 & 1 & 2 & 2 & -4 \end{bmatrix}$$

$$4852, 39206, \begin{bmatrix} 1 & 1 & 198 \\ 1 & -1 & 0 \\ 99 & 99 & -1 \end{bmatrix}$$

$$4853, 2290, \begin{bmatrix} 9 & 47 \\ 47 & -9 \end{bmatrix}$$

$$4854, 19605, \begin{bmatrix} 1 & 2 & 140 \\ 2 & -1 & 0 \\ 28 & 56 & -1 \end{bmatrix}$$

$$4855, 26905, \begin{bmatrix} 3 & 164 \\ 164 & -3 \end{bmatrix}$$

$$4856, 24648, \begin{bmatrix} 1 & 1 & 1 & 111 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 37 & 37 & 37 & -1 \end{bmatrix}$$

$$4857, 32770, \begin{bmatrix} 2 & 256 \\ 128 & -1 \end{bmatrix}$$

$$4858, 81226, \begin{bmatrix} 1 & 4 & 69 \\ 4 & -1 & 0 \\ 69 & 276 & -17 \end{bmatrix}$$

$$4859, 548, \begin{bmatrix} 14 & 30 \\ 15 & -7 \end{bmatrix}$$

$$4860, 7440, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 2 & 2 & 3 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & 0 & 0 & 2 & 0 & 0 & -2 \\ 8 & 8 & -15 & -15 & 16 & -15 & -15 & 24 \end{bmatrix}$$

4861, 651, [651]

$$4862, 333, \begin{bmatrix} 1 & 5 & 6 & 7 \\ 1 & 1 & -1 & 0 \\ 1 & 0 & 1 & -1 \\ 6 & -7 & -1 & 5 \end{bmatrix}$$

$$4863, 66053, \begin{bmatrix} 2 & 257 \\ 257 & -2 \end{bmatrix}$$

$$4864, 1152, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 8 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -1 & -1 & -1 & -1 & 1 & 1 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & -1 \end{bmatrix}$$

$$4865, 29525, \begin{bmatrix} 3 & 4 & 34 \\ 4 & -3 & 0 \\ 102 & 136 & -25 \end{bmatrix}$$

$$4866, 99430, \begin{bmatrix} 1 & 2 & 141 \\ 2 & -1 & 0 \\ 141 & 282 & -5 \end{bmatrix}$$

$$4867, 1490, \begin{bmatrix} 11 & 37 \\ 37 & -11 \end{bmatrix}$$

$$4868, 79206, \begin{bmatrix} 1 & 1 & 199 \\ 1 & -1 & 0 \\ 199 & 199 & -2 \end{bmatrix}$$

$$4869, 5004, \begin{bmatrix} 2 & 2 & 100 \\ 1 & -1 & 0 \\ 25 & 25 & -1 \end{bmatrix}$$

$$4870, 86590, \begin{bmatrix} 1 & 3 & 93 \\ 3 & -1 & 0 \\ 93 & 279 & -10 \end{bmatrix}$$

$$4871, 652, [652]$$

$$4872, 7380, \begin{bmatrix} 1 & 1 & 1 & 2 & 4 & 10 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 2 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 2 & -1 \\ 20 & 20 & 20 & -1 & -2 & -5 \end{bmatrix}$$

$$4873, 7421, \begin{bmatrix} 5 & 86 \\ 86 & -5 \end{bmatrix}$$

$$4874, 130322, \begin{bmatrix} 1 & 361 \\ 361 & -1 \end{bmatrix}$$

$$4875, 2814, \begin{bmatrix} 2 & 3 & 3 & 3 & 6 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 0 & 2 & 2 & 2 & -3 \\ 21 & -2 & -2 & -2 & -4 \end{bmatrix}$$

$$4876, 4746, \begin{bmatrix} 1 & 1 & 9 & 16 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -2 & 1 \\ 41 & 41 & 30 & -22 \end{bmatrix}$$

4877, 653, [653]

$$4878, 60714, \begin{bmatrix} 1 & 2 & 2 & 58 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 58 & 116 & 116 & -9 \end{bmatrix}$$

$$4879, 1170, \begin{bmatrix} 4 & 7 & 13 \\ 7 & -4 & 0 \\ 4 & 7 & -5 \end{bmatrix}$$

$$4880, 35048, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 18 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 3 & 3 & 3 & 3 & -4 & 0 \\ 18 & 18 & 18 & 18 & 54 & -13 \end{bmatrix}$$

$$4881, 33284, \begin{bmatrix} 2 & 258 \\ 129 & -1 \end{bmatrix}$$

$$4882, 131045, \begin{bmatrix} 1 & 362 \\ 362 & -1 \end{bmatrix}$$

$$4883, 3089, \begin{bmatrix} 8 & 55 \\ 55 & -8 \end{bmatrix}$$

$$4884, 5250, \begin{bmatrix} 1 & 1 & 2 & 5 & 12 \\ 2 & 0 & -1 & 0 & 0 \\ 1 & 0 & 2 & -1 & 0 \\ 1 & -6 & 2 & 5 & -2 \\ 1 & 6 & 2 & 5 & -3 \end{bmatrix}$$

$$4885, 9078, \begin{bmatrix} 3 & 165 \\ 55 & -1 \end{bmatrix}$$

$$4886, 83589, \begin{bmatrix} 1 & 4 & 70 \\ 4 & -1 & 0 \\ 70 & 280 & -17 \end{bmatrix}$$

$$4887, 1776, \begin{bmatrix} 2 & 2 & 2 & 42 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 7 & 7 & 7 & -1 \end{bmatrix}$$

$$4888, 1056, \begin{bmatrix} 1 & 1 & 1 & 6 & 15 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & 2 & -1 \\ 3 & 3 & 3 & -4 & 1 \end{bmatrix}$$

4889, 654, [654]

$$4890, 30618, \begin{bmatrix} 1 & 2 & 3 & 38 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 19 & 38 & 57 & -7 \end{bmatrix}$$

$$4891, 802, \begin{bmatrix} 19 & 21 \\ 21 & -19 \end{bmatrix}$$

$$4892, 40002, \begin{bmatrix} 1 & 1 & 200 \\ 1 & -1 & 0 \\ 100 & 100 & -1 \end{bmatrix}$$

$$4893, 13105, \begin{bmatrix} 2 & 4 & 51 \\ 2 & -1 & 0 \\ 51 & 102 & -10 \end{bmatrix}$$

$$4894, 131770, \begin{bmatrix} 1 & 363 \\ 363 & -1 \end{bmatrix}$$

$$4895, 7930, \begin{bmatrix} 3 & 5 & 24 \\ 8 & 0 & -1 \\ 1 & -39 & 8 \end{bmatrix}$$

$$4896, 11904, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 2 & 7 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 1 & 1 & 1 & 1 & -1 \\ 0 & 0 & 3 & 0 & 0 & 1 & 1 & -1 \\ 9 & 9 & 9 & 9 & 9 & -13 & -13 & 1 \end{bmatrix}$$

$$4897, 818, \begin{bmatrix} 17 & 23 \\ 23 & -17 \end{bmatrix}$$

$$4898, 3030, \begin{bmatrix} 1 & 11 & 22 \\ 0 & 2 & -1 \\ 55 & -1 & -2 \end{bmatrix}$$

$$4899, 2910, \begin{bmatrix} 2 & 9 & 20 \\ 1 & 2 & -1 \\ 49 & -22 & 5 \end{bmatrix}$$

$$4900, 624, \begin{bmatrix} 1 & 1 & 3 & 3 & 4 & 4 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & 1 & 1 & -1 & -1 \\ 7 & 7 & -5 & -5 & 2 & 2 \end{bmatrix}$$

$$4901, 172, \begin{bmatrix} 6 & 6 & 10 \\ 1 & -1 & 0 \\ 5 & 5 & -6 \end{bmatrix}$$

$$4902, 7950, \begin{bmatrix} 1 & 2 & 8 & 14 \\ 2 & -1 & 0 & 0 \\ 2 & 4 & -3 & 1 \\ 10 & 20 & 27 & -19 \end{bmatrix}$$

4903, 655, [655]

$$4904, 75282, \begin{bmatrix} 1 & 1 & 1 & 112 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 112 & 112 & 112 & -3 \end{bmatrix}$$

$$4905, 8580, \begin{bmatrix} 2 & 2 & 3 & 29 \\ 1 & -1 & 0 & 0 \\ 8 & 8 & -1 & -1 \\ 1 & 1 & 18 & -2 \end{bmatrix}$$

$$4906, 30290, \begin{bmatrix} 1 & 5 & 48 \\ 5 & -1 & 0 \\ 24 & 120 & -13 \end{bmatrix}$$

$$4907, 7946, \begin{bmatrix} 4 & 126 \\ 63 & -2 \end{bmatrix}$$

$$4908, 19218, \begin{bmatrix} 1 & 1 & 2 & 80 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 40 & 40 & 80 & -3 \end{bmatrix}$$

$$4909, 656, [656]$$

$$4910, 44230, \begin{bmatrix} 1 & 3 & 94 \\ 3 & -1 & 0 \\ 47 & 141 & -5 \end{bmatrix}$$

$$4911, 67085, \begin{bmatrix} 2 & 259 \\ 259 & -2 \end{bmatrix}$$

$$4912, 31784, \begin{bmatrix} 1 & 1 & 1 & 1 & 63 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 63 & 63 & 63 & 63 & -4 \end{bmatrix}$$

$$4913, 42, \begin{bmatrix} 7 & 7 & 7 \\ 1 & 0 & -1 \\ 1 & -2 & 1 \end{bmatrix}$$

$$4914, 1950, \begin{bmatrix} 1 & 2 & 2 & 2 & 4 & 6 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 1 & -1 & 0 \\ 2 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 1 & 2 & -2 \\ 6 & -1 & 12 & -1 & -2 & -3 \end{bmatrix}$$

$$4915, 27565, \begin{bmatrix} 3 & 166 \\ 166 & -3 \end{bmatrix}$$

$$4916, 80806, \begin{bmatrix} 1 & 1 & 201 \\ 1 & -1 & 0 \\ 201 & 201 & -2 \end{bmatrix}$$

$$4917, 6270, \begin{bmatrix} 2 & 5 & 35 \\ 10 & 3 & -1 \\ 5 & -16 & 2 \end{bmatrix}$$

$$4918, 132497, \begin{bmatrix} 1 & 364 \\ 364 & -1 \end{bmatrix}$$

$$4919, 657, [657]$$

$$4920, 22200, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 13 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 1 & -1 & 0 & 0 \\ 1 & 0 & 1 & 2 & -2 & 0 \\ 1 & -2 & 1 & 2 & 3 & -1 \\ 5 & 42 & 5 & 10 & 15 & -9 \end{bmatrix}$$

$$4921, 168, \begin{bmatrix} 4 & 8 & 12 \\ 1 & -2 & 1 \\ 4 & 1 & -2 \end{bmatrix}$$

$$4922, 9526, \begin{bmatrix} 1 & 9 & 28 \\ 1 & 3 & -1 \\ 93 & -29 & 6 \end{bmatrix}$$

$$4923, 20418, \begin{bmatrix} 2 & 2 & 101 \\ 1 & -1 & 0 \\ 101 & 101 & -4 \end{bmatrix}$$

$$4924, 40806, \begin{bmatrix} 1 & 1 & 202 \\ 1 & -1 & 0 \\ 101 & 101 & -1 \end{bmatrix}$$

$$4925, 1362, \begin{bmatrix} 3 & 3 & 45 \\ 1 & -1 & 0 \\ 15 & 15 & -2 \end{bmatrix}$$

$$4926, 100845, \begin{bmatrix} 1 & 2 & 142 \\ 2 & -1 & 0 \\ 142 & 284 & -5 \end{bmatrix}$$

$$4927, 1887, \begin{bmatrix} 6 & 75 \\ 25 & -2 \end{bmatrix}$$

$$4928, 24816, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 4 & 5 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \\ 2 & 2 & 2 & 2 & 2 & 2 & -3 & 0 \\ 5 & 5 & 5 & 5 & 5 & 5 & 20 & -22 \end{bmatrix}$$

$$4929, 4191, \begin{bmatrix} 2 & 11 & 16 \\ 5 & 2 & -2 \\ 18 & -28 & 17 \end{bmatrix}$$

$$4930, 2862, \begin{bmatrix} 1 & 3 & 7 & 10 \\ 0 & 1 & 1 & -1 \\ 4 & 1 & -1 & 0 \\ 10 & -23 & 17 & -6 \end{bmatrix}$$

4931, 658, [658]

$$4932, 21980, \begin{bmatrix} 1 & 1 & 2 & 2 & 33 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 33 & 33 & 66 & 66 & -10 \end{bmatrix}$$

4933, 659, [659]

$$4934, 133226, \begin{bmatrix} 1 & 365 \\ 365 & -1 \end{bmatrix}$$

$$4935, 11430, \begin{bmatrix} 2 & 3 & 4 & 15 \\ 1 & 2 & -2 & 0 \\ 2 & 1 & 2 & -1 \\ 52 & -49 & -23 & 9 \end{bmatrix}$$

$$4936, 76632, \begin{bmatrix} 1 & 1 & 1 & 113 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 113 & 113 & 113 & -3 \end{bmatrix}$$

$$4937, 660, [660]$$

$$4938, 102270, \begin{bmatrix} 1 & 2 & 143 \\ 2 & -1 & 0 \\ 143 & 286 & -5 \end{bmatrix}$$

$$4939, 7594, \begin{bmatrix} 5 & 87 \\ 87 & -5 \end{bmatrix}$$

$$4940, 6216, \begin{bmatrix} 1 & 1 & 3 & 6 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 1 & -1 \\ 1 & 1 & -6 & 0 & 2 \\ 15 & 15 & 8 & -21 & 9 \end{bmatrix}$$

$$4941, 1360, \begin{bmatrix} 2 & 2 & 2 & 2 & 18 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 9 & 9 & 9 & 9 & -4 \end{bmatrix}$$

$$4942, 85986, \begin{bmatrix} 1 & 4 & 71 \\ 4 & -1 & 0 \\ 71 & 284 & -17 \end{bmatrix}$$

$$4943, 661, [661]$$

$$4944, 23584, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 27 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 27 & 27 & 27 & 27 & 54 & -8 \end{bmatrix}$$

$$4945, 1430, \begin{bmatrix} 3 & 9 & 14 \\ 3 & -1 & 0 \\ 7 & 21 & -15 \end{bmatrix}$$

$$4946, 133957, \begin{bmatrix} 1 & 366 \\ 366 & -1 \end{bmatrix}$$

$$4947, 4746, \begin{bmatrix} 2 & 7 & 25 \\ 2 & 3 & -1 \\ 41 & -26 & 4 \end{bmatrix}$$

$$4948, 82422, \begin{bmatrix} 1 & 1 & 203 \\ 1 & -1 & 0 \\ 203 & 203 & -2 \end{bmatrix}$$

$$4949, 708, \begin{bmatrix} 4 & 4 & 26 \\ 1 & -1 & 0 \\ 13 & 13 & -4 \end{bmatrix}$$

$$4950, 416, \begin{bmatrix} 1 & 2 & 2 & 3 & 3 & 5 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & 0 & 0 & -1 \\ 1 & 0 & 0 & -1 & -1 & 1 \\ 5 & -3 & -3 & 2 & 2 & -1 \end{bmatrix}$$

4951, 662, [662]

$$4952, 25998, \begin{bmatrix} 1 & 1 & 1 & 114 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 38 & 38 & 38 & -1 \end{bmatrix}$$

$$4953, 9009, \begin{bmatrix} 2 & 6 & 31 \\ 7 & 8 & -2 \\ 20 & -17 & 2 \end{bmatrix}$$

$$4954, 134690, \begin{bmatrix} 1 & 367 \\ 367 & -1 \end{bmatrix}$$

$$4955, 27898, \begin{bmatrix} 3 & 167 \\ 167 & -3 \end{bmatrix}$$

$$4956, 20526, \begin{bmatrix} 1 & 1 & 2 & 4 & 17 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 2 & 2 & 4 & -3 & 0 \\ 17 & 17 & 34 & 68 & -22 \end{bmatrix}$$

$$4957, 663, [663]$$

$$4958, 6578, \begin{bmatrix} 1 & 12 & 19 \\ 17 & -3 & 1 \\ 3 & 14 & -9 \end{bmatrix}$$

$$4959, 860, \begin{bmatrix} 2 & 2 & 8 & 10 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 \\ 9 & 9 & -7 & 2 \end{bmatrix}$$

$$4960, 10800, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 3 & 11 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 2 & -1 \\ 1 & 1 & -4 & 1 & 1 & 0 & 0 \\ 5 & 5 & 5 & 5 & 5 & -12 & 1 \end{bmatrix}$$

$$4961, 438, \begin{bmatrix} 5 & 5 & 13 \\ 1 & -1 & 0 \\ 13 & 13 & -10 \end{bmatrix}$$

$$4962, 103705, \begin{bmatrix} 1 & 2 & 144 \\ 2 & -1 & 0 \\ 144 & 288 & -5 \end{bmatrix}$$

$$4963, 16145, \begin{bmatrix} 4 & 127 \\ 127 & -4 \end{bmatrix}$$

$$4964, 4920, \begin{bmatrix} 1 & 1 & 7 & 21 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 3 & -1 \\ 35 & 35 & -1 & -3 \end{bmatrix}$$

$$4965, 58526, \begin{bmatrix} 2 & 3 & 67 \\ 3 & -2 & 0 \\ 134 & 201 & -13 \end{bmatrix}$$

$$4966, 39606, \begin{bmatrix} 1 & 6 & 43 \\ 31 & 2 & -1 \\ 2 & -29 & 4 \end{bmatrix}$$

4967, 664, [664]

$$4968, 3072, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 & 9 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 2 & 1 & -1 & 0 & -1 & 0 \\ 0 & 1 & 0 & 1 & 2 & 1 & -1 \\ 1 & -2 & 1 & -1 & 2 & -1 & 0 \\ 3 & -1 & 3 & 2 & -2 & 2 & -1 \end{bmatrix}$$

4969, 665, [665]

$$4970, 14058, \begin{bmatrix} 1 & 3 & 4 & 20 \\ 1 & 1 & -1 & 0 \\ 4 & 0 & 4 & -1 \\ 29 & -55 & -26 & 12 \end{bmatrix}$$

$$4971, 33802, \begin{bmatrix} 2 & 260 \\ 130 & -1 \end{bmatrix}$$

$$4972, 16686, \begin{bmatrix} 1 & 1 & 5 & 30 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & -2 & 0 \\ 10 & 10 & 50 & -9 \end{bmatrix}$$

4973, 666, [666]

$$4974, 21030, \begin{bmatrix} 1 & 2 & 145 \\ 2 & -1 & 0 \\ 29 & 58 & -1 \end{bmatrix}$$

$$4975, 2134, \begin{bmatrix} 3 & 3 & 46 \\ 1 & -1 & 0 \\ 23 & 23 & -3 \end{bmatrix}$$

$$4976, 8200, \begin{bmatrix} 1 & 1 & 1 & 1 & 64 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 16 & 16 & 16 & 16 & -1 \end{bmatrix}$$

$$4977, 1524, \begin{bmatrix} 2 & 2 & 4 & 22 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 11 & 11 & 22 & -6 \end{bmatrix}$$

$$4978, 18513, \begin{bmatrix} 1 & 8 & 32 \\ 0 & 4 & -1 \\ 136 & -1 & -4 \end{bmatrix}$$

$$4979, 2906, \begin{bmatrix} 6 & 76 \\ 38 & -3 \end{bmatrix}$$

$$4980, 16320, \begin{bmatrix} 1 & 1 & 2 & 3 & 23 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 23 & 23 & 46 & 69 & -15 \end{bmatrix}$$

$$4981, 3893, \begin{bmatrix} 7 & 62 \\ 62 & -7 \end{bmatrix}$$

$$4982, 1446, \begin{bmatrix} 1 & 15 & 16 \\ 31 & -17 & 14 \\ 1 & 1 & -1 \end{bmatrix}$$

$$4983, 38425, \begin{bmatrix} 2 & 5 & 36 \\ 5 & -2 & 0 \\ 72 & 180 & -29 \end{bmatrix}$$

$$4984, 20230, \begin{bmatrix} 1 & 1 & 1 & 4 & 24 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 4 & 0 & -1 & 0 \\ 7 & 2 & 7 & 8 & -2 \\ 5 & -2 & 5 & -8 & 1 \end{bmatrix}$$

$$4985, 9411, \begin{bmatrix} 3 & 168 \\ 56 & -1 \end{bmatrix}$$

$$4986, 62820, \begin{bmatrix} 1 & 2 & 2 & 59 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 59 & 118 & 118 & -9 \end{bmatrix}$$

$$4987, 667, [667]$$

$$4988, 2980, \begin{bmatrix} 1 & 1 & 10 & 14 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 1 & -1 \\ 12 & 12 & -29 & 19 \end{bmatrix}$$

$$4989, 68125, \begin{bmatrix} 2 & 261 \\ 261 & -2 \end{bmatrix}$$

$$4990, 18070, \begin{bmatrix} 1 & 3 & 95 \\ 3 & -1 & 0 \\ 19 & 57 & -2 \end{bmatrix}$$

$$4991, 1962, \begin{bmatrix} 4 & 9 & 11 \\ 1 & 2 & -2 \\ 40 & -19 & 1 \end{bmatrix}$$

$$4992, 67680, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 6 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 & 1 & 1 & 1 & -1 \\ 0 & 0 & 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & -4 & -4 & -4 & 1 & 1 & -2 & 2 \\ 8 & 8 & 8 & 8 & 8 & 8 & 8 & -31 & 1 \end{bmatrix}$$

4993, 668, [668]

$$4994, 63102, \begin{bmatrix} 1 & 5 & 49 \\ 5 & -1 & 0 \\ 49 & 245 & -26 \end{bmatrix}$$

$$4995, 2310, \begin{bmatrix} 2 & 2 & 2 & 3 & 12 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 3 & 3 & 3 & 2 & -2 \\ 2 & 2 & 2 & -8 & 1 \end{bmatrix}$$

$$4996, 41618, \begin{bmatrix} 1 & 1 & 204 \\ 1 & -1 & 0 \\ 102 & 102 & -1 \end{bmatrix}$$

$$4997, 400, \begin{bmatrix} 8 & 56 \\ 7 & -1 \end{bmatrix}$$

$$4998, 2752, \begin{bmatrix} 1 & 2 & 4 & 4 & 7 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & 0 & -1 & -1 & 1 \\ 3 & -2 & 1 & 1 & -1 \\ 11 & 22 & 1 & 1 & -9 \end{bmatrix}$$

4999, 669, [669]

$$5000, 624, \begin{bmatrix} 1 & 1 & 1 & 3 & 3 & 3 & 3 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & -1 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 0 & 1 & -1 & -1 & 1 \\ 1 & -2 & 1 & 0 & 0 & 0 & 0 \\ 4 & 4 & 4 & -1 & -1 & -1 & -1 \end{bmatrix}$$

$$5001, 34324, \begin{bmatrix} 2 & 262 \\ 131 & -1 \end{bmatrix}$$

$$5002, 5434, \begin{bmatrix} 1 & 13 & 18 \\ 3 & -3 & 2 \\ 40 & 26 & -21 \end{bmatrix}$$

5003, 670, [670]

$$5004, 11660, \begin{bmatrix} 1 & 1 & 2 & 2 & 34 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 17 & 17 & 34 & 34 & -5 \end{bmatrix}$$

$$5005, 1720, \begin{bmatrix} 3 & 4 & 5 & 6 \\ 1 & -1 & -1 & 1 \\ 1 & -3 & 3 & -1 \\ 16 & 7 & -2 & -11 \end{bmatrix}$$

$$5006, 135425, \begin{bmatrix} 1 & 368 \\ 368 & -1 \end{bmatrix}$$

$$5007, 69173, \begin{bmatrix} 2 & 263 \\ 263 & -2 \end{bmatrix}$$

$$5008, 33832, \begin{bmatrix} 1 & 1 & 1 & 1 & 65 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 65 & 65 & 65 & 65 & -4 \end{bmatrix}$$

5009, 671, [671]

$$5010, 64470, \begin{bmatrix} 1 & 2 & 3 & 39 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 39 & 78 & 117 & -14 \end{bmatrix}$$

5011, 672, [672]

$$5012, 30582, \begin{bmatrix} 1 & 1 & 4 & 41 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 41 & 41 & 164 & -18 \end{bmatrix}$$

$$5013, 10412, \begin{bmatrix} 2 & 2 & 102 \\ 1 & -1 & 0 \\ 51 & 51 & -2 \end{bmatrix}$$

$$5014, 5538, \begin{bmatrix} 1 & 9 & 29 \\ 17 & 11 & -4 \\ 5 & -7 & 2 \end{bmatrix}$$

$$5015, 2082, \begin{bmatrix} 3 & 7 & 17 \\ 1 & 2 & -1 \\ 41 & -20 & 1 \end{bmatrix}$$

$$5016, 1536, \begin{bmatrix} 1 & 1 & 1 & 2 & 5 & 8 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 1 & 1 & -1 \\ 1 & -1 & 1 & 2 & -1 & 0 \\ 1 & -2 & 1 & -1 & 2 & -1 \\ 3 & 3 & 3 & -2 & -1 & 0 \end{bmatrix}$$

$$5017, 170, \begin{bmatrix} 10 & 40 \\ 4 & -1 \end{bmatrix}$$

$$5018, 73001, \begin{bmatrix} 1 & 6 & 44 \\ 6 & -1 & 0 \\ 44 & 264 & -37 \end{bmatrix}$$

$$5019, 6810, \begin{bmatrix} 2 & 4 & 52 \\ 2 & -1 & 0 \\ 26 & 52 & -5 \end{bmatrix}$$

$$5020, 64394, \begin{bmatrix} 1 & 1 & 3 & 54 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 54 & 54 & 162 & -11 \end{bmatrix}$$

$$5021, 673, [673]$$

$$5022, 7728, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 11 \\ 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & -1 & -1 & 1 & 0 \\ 5 & -2 & -2 & -2 & -2 & 1 \\ 16 & 9 & 9 & 9 & 9 & -8 \end{bmatrix}$$

$$5023, 674, [674]$$

$$5024, 54960, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 37 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 37 & 37 & 37 & 37 & 37 & -5 \end{bmatrix}$$

$$5025, 8426, \begin{bmatrix} 2 & 3 & 3 & 19 \\ 0 & 1 & -1 & 0 \\ 3 & -1 & -1 & 0 \\ 38 & 57 & 57 & -22 \end{bmatrix}$$

$$5026, 88417, \begin{bmatrix} 1 & 4 & 72 \\ 4 & -1 & 0 \\ 72 & 288 & -17 \end{bmatrix}$$

$$5027, 7769, \begin{bmatrix} 5 & 88 \\ 88 & -5 \end{bmatrix}$$

$$5028, 13134, \begin{bmatrix} 1 & 1 & 2 & 81 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 27 & 27 & 54 & -2 \end{bmatrix}$$

$$5029, 1009, \begin{bmatrix} 15 & 28 \\ 28 & -15 \end{bmatrix}$$

$$5030, 46130, \begin{bmatrix} 1 & 3 & 96 \\ 3 & -1 & 0 \\ 48 & 144 & -5 \end{bmatrix}$$

$$5031, 240, \begin{bmatrix} 2 & 2 & 6 & 14 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 1 & -1 \\ 1 & 1 & -3 & 1 \end{bmatrix}$$

$$5032, 8232, \begin{bmatrix} 1 & 1 & 1 & 7 & 12 \\ 1 & 0 & -1 & 0 & 0 \\ 3 & -1 & 3 & 1 & -1 \\ 1 & 5 & 1 & -1 & 0 \\ 3 & -4 & 3 & -14 & 8 \end{bmatrix}$$

$$5033, 4100, \begin{bmatrix} 4 & 128 \\ 32 & -1 \end{bmatrix}$$

$$5034, 106605, \begin{bmatrix} 1 & 2 & 146 \\ 2 & -1 & 0 \\ 146 & 292 & -5 \end{bmatrix}$$

$$5035, 1645, \begin{bmatrix} 3 & 8 & 16 \\ 0 & 2 & -1 \\ 40 & -3 & -6 \end{bmatrix}$$

$$5036, 84054, \begin{bmatrix} 1 & 1 & 205 \\ 1 & -1 & 0 \\ 205 & 205 & -2 \end{bmatrix}$$

$$5037, 9994, \begin{bmatrix} 2 & 9 & 21 \\ 6 & 1 & -1 \\ 15 & -64 & 26 \end{bmatrix}$$

$$5038, 32838, \begin{bmatrix} 1 & 5 & 50 \\ 5 & -1 & 0 \\ 25 & 125 & -13 \end{bmatrix}$$

$$5039, 675, [675]$$

$$5040, 12432, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 3 & 4 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 2 & 2 & -4 & 0 \\ 4 & 4 & 4 & 4 & 8 & 8 & 12 & -21 \end{bmatrix}$$

$$5041, 40, \begin{bmatrix} 20 & 20 \\ 1 & -1 \end{bmatrix}$$

$$5042, 136162, \begin{bmatrix} 1 & 369 \\ 369 & -1 \end{bmatrix}$$

$$5043, 342, \begin{bmatrix} 2 & 13 & 13 \\ 0 & 1 & -1 \\ 13 & -1 & -1 \end{bmatrix}$$

$$5044, 6630, \begin{bmatrix} 1 & 1 & 6 & 25 \\ 1 & -1 & 0 & 0 \\ 11 & 11 & -12 & 2 \\ 4 & 4 & 7 & -2 \end{bmatrix}$$

$$5045, 28570, \begin{bmatrix} 3 & 169 \\ 169 & -3 \end{bmatrix}$$

$$5046, 410, \begin{bmatrix} 1 & 2 & 10 & 10 \\ 0 & 0 & 1 & -1 \\ 2 & -1 & 0 & 0 \\ 4 & 8 & -1 & -1 \end{bmatrix}$$

$$5047, 1522, \begin{bmatrix} 4 & 4 & 27 \\ 1 & -1 & 0 \\ 27 & 27 & -8 \end{bmatrix}$$

$$5048, 79368, \begin{bmatrix} 1 & 1 & 1 & 115 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 115 & 115 & 115 & -3 \end{bmatrix}$$

$$5049, 3612, \begin{bmatrix} 2 & 2 & 2 & 5 & 7 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -1 & -1 \\ 1 & 1 & 1 & 24 & -18 \end{bmatrix}$$

$$5050, 23630, \begin{bmatrix} 1 & 3 & 3 & 26 \\ 0 & 1 & -1 & 0 \\ 2 & -9 & -9 & 2 \\ 48 & 5 & 5 & -3 \end{bmatrix}$$

5051, 676, [676]

$$5052, 20190, \begin{bmatrix} 1 & 1 & 2 & 82 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 41 & 41 & 82 & -3 \end{bmatrix}$$

$$5053, 1565, \begin{bmatrix} 11 & 38 \\ 38 & -11 \end{bmatrix}$$

$$5054, 2030, \begin{bmatrix} 1 & 4 & 8 & 8 \\ 0 & 0 & 1 & -1 \\ 8 & 2 & -1 & -1 \\ 4 & -13 & 3 & 3 \end{bmatrix}$$

$$5055, 60281, \begin{bmatrix} 2 & 3 & 68 \\ 3 & -2 & 0 \\ 136 & 204 & -13 \end{bmatrix}$$

$$5056, 11760, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 22 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 11 & 11 & 11 & 11 & 11 & 11 & -3 \end{bmatrix}$$

$$5057, 5965, \begin{bmatrix} 6 & 77 \\ 77 & -6 \end{bmatrix}$$

$$5058, 21654, \begin{bmatrix} 1 & 2 & 2 & 60 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 20 & 40 & 40 & -3 \end{bmatrix}$$

$$5059, 677, [677]$$

$$5060, 936, \begin{bmatrix} 1 & 1 & 3 & 5 & 9 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 2 & 2 & -3 & 1 & 0 \\ 1 & 1 & 3 & 5 & -4 \end{bmatrix}$$

$$5061, 14145, \begin{bmatrix} 2 & 4 & 53 \\ 2 & -1 & 0 \\ 53 & 106 & -10 \end{bmatrix}$$

$$5062, 136901, \begin{bmatrix} 1 & 370 \\ 370 & -1 \end{bmatrix}$$

$$5063, 853, \begin{bmatrix} 18 & 23 \\ 23 & -18 \end{bmatrix}$$

$$5064, 93072, \begin{bmatrix} 1 & 1 & 1 & 2 & 47 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 47 & 47 & 47 & 94 & -7 \end{bmatrix}$$

$$5065, 28909, \begin{bmatrix} 3 & 170 \\ 170 & -3 \end{bmatrix}$$

$$5066, 12750, \begin{bmatrix} 1 & 7 & 35 \\ 7 & -1 & 0 \\ 7 & 49 & -10 \end{bmatrix}$$

$$5067, 21234, \begin{bmatrix} 2 & 2 & 103 \\ 1 & -1 & 0 \\ 103 & 103 & -4 \end{bmatrix}$$

$$5068, 5346, \begin{bmatrix} 1 & 1 & 4 & 42 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 7 & 7 & 28 & -3 \end{bmatrix}$$

$$5069, 411, \begin{bmatrix} 12 & 33 \\ 11 & -4 \end{bmatrix}$$

$$5070, 3612, \begin{bmatrix} 1 & 2 & 3 & 6 & 6 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 4 & 1 & -2 & 0 & 0 \\ 6 & 12 & 18 & -7 & -7 \end{bmatrix}$$

$$5071, 7946, \begin{bmatrix} 5 & 89 \\ 89 & -5 \end{bmatrix}$$

$$5072, 17440, \begin{bmatrix} 1 & 1 & 1 & 1 & 66 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 33 & 33 & 33 & 33 & -2 \end{bmatrix}$$

$$5073, 966, \begin{bmatrix} 2 & 8 & 24 \\ 4 & -7 & 2 \\ 4 & 2 & -1 \end{bmatrix}$$

$$5074, 4374, \begin{bmatrix} 1 & 14 & 17 \\ 13 & -7 & 5 \\ 7 & 8 & -7 \end{bmatrix}$$

$$5075, 536, \begin{bmatrix} 3 & 3 & 4 & 10 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 \\ 7 & 7 & -13 & 1 \end{bmatrix}$$

$$5076, 20076, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 15 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 0 & -1 & 0 & 0 \\ 2 & 2 & -3 & 4 & -3 & 0 \\ 15 & 15 & 30 & 30 & 30 & -14 \end{bmatrix}$$

$$5077, 678, [678]$$

$$5078, 137642, \begin{bmatrix} 1 & 371 \\ 371 & -1 \end{bmatrix}$$

$$5079, 34850, \begin{bmatrix} 2 & 264 \\ 132 & -1 \end{bmatrix}$$

$$5080, 23352, \begin{bmatrix} 1 & 1 & 1 & 3 & 31 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 31 & 31 & 31 & 93 & -12 \end{bmatrix}$$

5081, 679, [679]

$$5082, 4970, \begin{bmatrix} 1 & 2 & 4 & 5 & 5 \\ 0 & 0 & 0 & 1 & -1 \\ 0 & 2 & -1 & 0 & 0 \\ 0 & 1 & 2 & -1 & -1 \\ 70 & -2 & -4 & -5 & -5 \end{bmatrix}$$

$$5083, 1162, \begin{bmatrix} 6 & 7 & 9 \\ 2 & -3 & 1 \\ 17 & 6 & -16 \end{bmatrix}$$

$$5084, 584, \begin{bmatrix} 1 & 1 & 11 & 13 \\ 1 & -1 & 0 & 0 \\ 6 & 6 & -7 & 5 \\ 1 & 1 & 1 & -1 \end{bmatrix}$$

$$5085, 20174, \begin{bmatrix} 2 & 2 & 3 & 30 \\ 1 & -1 & 0 & 0 \\ 6 & 6 & 2 & -1 \\ 9 & 9 & -52 & 4 \end{bmatrix}$$

$$5086, 138385, \begin{bmatrix} 1 & 372 \\ 372 & -1 \end{bmatrix}$$

5087, 680, [680]

$$5088, 28620, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 16 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 \\ 16 & 16 & 16 & 16 & 16 & 32 & -9 \end{bmatrix}$$

$$5089, 16657, \begin{bmatrix} 4 & 129 \\ 129 & -4 \end{bmatrix}$$

$$5090, 94190, \begin{bmatrix} 1 & 3 & 97 \\ 3 & -1 & 0 \\ 97 & 291 & -10 \end{bmatrix}$$

$$5091, 70229, \begin{bmatrix} 2 & 265 \\ 265 & -2 \end{bmatrix}$$

$$5092, 12810, \begin{bmatrix} 1 & 1 & 8 & 19 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 9 & -4 \\ 29 & 29 & -12 & 2 \end{bmatrix}$$

$$5093, 1625, \begin{bmatrix} 5 & 90 \\ 18 & -1 \end{bmatrix}$$

$$5094, 67140, \begin{bmatrix} 1 & 2 & 2 & 61 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 61 & 122 & 122 & -9 \end{bmatrix}$$

$$5095, 9750, \begin{bmatrix} 3 & 171 \\ 57 & -1 \end{bmatrix}$$

$$5096, 9940, \begin{bmatrix} 1 & 1 & 1 & 4 & 4 & 6 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & 0 & 1 & -1 & -1 & 1 \\ 2 & 0 & 2 & 1 & 1 & -2 \\ 1 & -70 & 1 & 4 & 4 & 6 \end{bmatrix}$$

$$5097, 35380, \begin{bmatrix} 2 & 266 \\ 133 & -1 \end{bmatrix}$$

$$5098, 139130, \begin{bmatrix} 1 & 373 \\ 373 & -1 \end{bmatrix}$$

$$5099, 681, [681]$$

$$5100, 3504, \begin{bmatrix} 1 & 1 & 2 & 3 & 3 & 7 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 2 & -1 & -1 & 0 \\ 7 & 7 & 14 & 21 & 21 & -24 \end{bmatrix}$$

5101, 682, [682]

$$5102, 139877, \begin{bmatrix} 1 & 374 \\ 374 & -1 \end{bmatrix}$$

$$5103, 480, \begin{bmatrix} 2 & 2 & 2 & 2 & 2 & 2 & 4 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -3 \end{bmatrix}$$

$$5104, 5160, \begin{bmatrix} 1 & 1 & 1 & 1 & 5 & 10 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 2 & -1 \\ 25 & 25 & 25 & 25 & -4 & -8 \end{bmatrix}$$

$$5105, 29593, \begin{bmatrix} 3 & 172 \\ 172 & -3 \end{bmatrix}$$

$$5106, 5750, \begin{bmatrix} 1 & 2 & 9 & 12 \\ 2 & -1 & 0 & 0 \\ 3 & 6 & 1 & -2 \\ 3 & 6 & -19 & 13 \end{bmatrix}$$

5107, 683, [683]

$$5108, 42438, \begin{bmatrix} 1 & 1 & 206 \\ 1 & -1 & 0 \\ 103 & 103 & -1 \end{bmatrix}$$

$$5109, 2660, \begin{bmatrix} 2 & 6 & 32 \\ 3 & -1 & 0 \\ 8 & 24 & -5 \end{bmatrix}$$

$$5110, 26619, \begin{bmatrix} 1 & 3 & 4 & 21 \\ 1 & 1 & -1 & 0 \\ 0 & 3 & 3 & -1 \\ 133 & -68 & 65 & -9 \end{bmatrix}$$

$$5111, 3313, \begin{bmatrix} 8 & 57 \\ 57 & -8 \end{bmatrix}$$

$$5112, 54252, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 20 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 4 & 4 & 4 & -3 & -3 & 0 \\ 20 & 20 & 20 & 40 & 40 & -11 \end{bmatrix}$$

$$5113, 684, [684]$$

$$5114, 140626, \begin{bmatrix} 1 & 375 \\ 375 & -1 \end{bmatrix}$$

$$5115, 2862, \begin{bmatrix} 2 & 3 & 5 & 11 \\ 1 & 1 & -1 & 0 \\ 2 & 1 & 3 & -2 \\ 20 & -23 & -3 & 4 \end{bmatrix}$$

$$5116, 85702, \begin{bmatrix} 1 & 1 & 207 \\ 1 & -1 & 0 \\ 207 & 207 & -2 \end{bmatrix}$$

$$5117, 1305, \begin{bmatrix} 4 & 7 & 14 \\ 0 & 2 & -1 \\ 35 & -4 & -8 \end{bmatrix}$$

$$5118, 108070, \begin{bmatrix} 1 & 2 & 147 \\ 2 & -1 & 0 \\ 147 & 294 & -5 \end{bmatrix}$$

$$5119, 685, [685]$$

$$5120, 24320, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 3 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -1 & -1 & 0 & 0 & -1 & -1 & 1 & 1 & 0 \\ 1 & 1 & 1 & 1 & -4 & -4 & 1 & 1 & 1 & 1 & 0 \\ 3 & 3 & 3 & 3 & 3 & 3 & 3 & 3 & 3 & 3 & -10 \end{bmatrix}$$

$$5121, 5412, \begin{bmatrix} 2 & 2 & 104 \\ 1 & -1 & 0 \\ 26 & 26 & -1 \end{bmatrix}$$

$$5122, 76294, \begin{bmatrix} 1 & 6 & 45 \\ 6 & -1 & 0 \\ 45 & 270 & -37 \end{bmatrix}$$

$$5123, 1066, \begin{bmatrix} 15 & 29 \\ 29 & -15 \end{bmatrix}$$

$$5124, 11418, \begin{bmatrix} 1 & 1 & 2 & 4 & 18 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 2 & 2 & 4 & -3 & 0 \\ 9 & 9 & 18 & 36 & -11 \end{bmatrix}$$

$$5125, 1176, \begin{bmatrix} 3 & 3 & 3 & 13 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 13 & 13 & 13 & -9 \end{bmatrix}$$

$$5126, 68302, \begin{bmatrix} 1 & 5 & 51 \\ 13 & 28 & -3 \\ 39 & -18 & 1 \end{bmatrix}$$

$$5127, 71293, \begin{bmatrix} 2 & 267 \\ 267 & -2 \end{bmatrix}$$

$$5128, 80754, \begin{bmatrix} 1 & 1 & 1 & 116 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 116 & 116 & 116 & -3 \end{bmatrix}$$

$$5129, 795, \begin{bmatrix} 9 & 48 \\ 16 & -3 \end{bmatrix}$$

$$5130, 5160, \begin{bmatrix} 1 & 2 & 2 & 2 & 3 & 8 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & 0 & -1 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & 0 & 1 & 1 & -1 \\ 23 & 3 & -40 & 3 & -17 & 12 \end{bmatrix}$$

$$5131, 8458, \begin{bmatrix} 4 & 130 \\ 65 & -2 \end{bmatrix}$$

$$5132, 43266, \begin{bmatrix} 1 & 1 & 208 \\ 1 & -1 & 0 \\ 104 & 104 & -1 \end{bmatrix}$$

$$5133, 6681, \begin{bmatrix} 2 & 10 & 17 \\ 2 & 3 & -2 \\ 71 & -38 & 14 \end{bmatrix}$$

$$5134, 33650, \begin{bmatrix} 1 & 7 & 36 \\ 7 & -1 & 0 \\ 18 & 126 & -25 \end{bmatrix}$$

$$5135, 2645, \begin{bmatrix} 3 & 6 & 22 \\ 2 & -1 & 0 \\ 22 & 44 & -15 \end{bmatrix}$$

$$5136, 6336, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 28 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 7 & 7 & 7 & 7 & 14 & -2 \end{bmatrix}$$

$$5137, 8306, \begin{bmatrix} 5 & 91 \\ 91 & -5 \end{bmatrix}$$

$$5138, 48114, \begin{bmatrix} 1 & 4 & 73 \\ 19 & -23 & 1 \\ 17 & 14 & -1 \end{bmatrix}$$

$$5139, 22066, \begin{bmatrix} 2 & 2 & 105 \\ 1 & -1 & 0 \\ 105 & 105 & -4 \end{bmatrix}$$

$$5140, 6072, \begin{bmatrix} 1 & 1 & 3 & 55 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 5 & 5 & 15 & -1 \end{bmatrix}$$

$$5141, 881, \begin{bmatrix} 16 & 25 \\ 25 & -16 \end{bmatrix}$$

$$5142, 109545, \begin{bmatrix} 1 & 2 & 148 \\ 2 & -1 & 0 \\ 148 & 296 & -5 \end{bmatrix}$$

$$5143, 650, \begin{bmatrix} 12 & 34 \\ 17 & -6 \end{bmatrix}$$

$$5144, 27384, \begin{bmatrix} 1 & 1 & 1 & 117 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 39 & 39 & 39 & -1 \end{bmatrix}$$

$$5145, 3904, \begin{bmatrix} 2 & 3 & 4 & 4 & 4 \\ 0 & 0 & 1 & 0 & -1 \\ 1 & -2 & 1 & -1 & 1 \\ 1 & -2 & -1 & 3 & -1 \\ 27 & 10 & -7 & -7 & -7 \end{bmatrix}$$

$$5146, 1302, \begin{bmatrix} 1 & 11 & 23 \\ 19 & -8 & 3 \\ 1 & 2 & -1 \end{bmatrix}$$

5147, 686, [686]

$$5148, 9940, \begin{bmatrix} 1 & 1 & 2 & 2 & 5 & 6 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & -1 & 0 & 0 \\ 1 & 1 & 2 & 2 & -2 & 0 \\ 6 & 6 & 12 & 12 & 30 & -35 \end{bmatrix}$$

$$5149, 1714, \begin{bmatrix} 8 & 58 \\ 29 & -4 \end{bmatrix}$$

$$5150, 10472, \begin{bmatrix} 1 & 3 & 3 & 27 \\ 0 & 1 & -1 & 0 \\ 15 & 11 & 11 & -3 \\ 9 & -6 & -6 & 1 \end{bmatrix}$$

$$5151, 4374, \begin{bmatrix} 2 & 7 & 26 \\ 1 & -4 & 1 \\ 37 & 8 & -5 \end{bmatrix}$$

$$5152, 9792, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 4 & 9 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 2 & -1 \\ 1 & 1 & 4 & 1 & 1 & -2 & 0 \\ 9 & 9 & -8 & 9 & 9 & 2 & -4 \end{bmatrix}$$

5153, 687, [687]

$$5154, 111030, \begin{bmatrix} 1 & 2 & 149 \\ 2 & -1 & 0 \\ 149 & 298 & -5 \end{bmatrix}$$

$$5155, 29938, \begin{bmatrix} 3 & 173 \\ 173 & -3 \end{bmatrix}$$

$$5156, 87366, \begin{bmatrix} 1 & 1 & 209 \\ 1 & -1 & 0 \\ 209 & 209 & -2 \end{bmatrix}$$

$$5157, 11166, \begin{bmatrix} 2 & 2 & 2 & 43 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 43 & 43 & 43 & -6 \end{bmatrix}$$

$$5158, 141377, \begin{bmatrix} 1 & 376 \\ 376 & -1 \end{bmatrix}$$

$$5159, 4422, \begin{bmatrix} 4 & 5 & 19 \\ 23 & 12 & -8 \\ 4 & -7 & 1 \end{bmatrix}$$

$$5160, 13568, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 14 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 & 0 \\ 1 & -1 & 1 & -2 & 1 & 0 \\ 1 & -3 & 1 & 2 & -1 & 0 \\ 7 & 7 & 7 & 14 & 21 & -8 \end{bmatrix}$$

$$5161, 1020, \begin{bmatrix} 6 & 78 \\ 13 & -1 \end{bmatrix}$$

$$5162, 14217, \begin{bmatrix} 1 & 10 & 24 \\ 4 & 2 & -1 \\ 58 & -97 & 38 \end{bmatrix}$$

$$5163, 35914, \begin{bmatrix} 2 & 268 \\ 134 & -1 \end{bmatrix}$$

$$5164, 44102, \begin{bmatrix} 1 & 1 & 210 \\ 1 & -1 & 0 \\ 105 & 105 & -1 \end{bmatrix}$$

$$5165, 10095, \begin{bmatrix} 3 & 174 \\ 58 & -1 \end{bmatrix}$$

$$5166, 4656, \begin{bmatrix} 1 & 2 & 2 & 4 & 13 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & 1 & -1 & 0 \\ 1 & 1 & 1 & 2 & -1 \\ 45 & -7 & -7 & -14 & 3 \end{bmatrix}$$

$$5167, 688, [688]$$

$$5168, 2106, \begin{bmatrix} 1 & 1 & 1 & 1 & 7 & 8 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 1 & -1 \\ 1 & 0 & -2 & 1 & 0 & 0 \\ 5 & 5 & 5 & 5 & -4 & 1 \\ 1 & -2 & 1 & 1 & 1 & -1 \end{bmatrix}$$

$$5169, 72365, \begin{bmatrix} 2 & 269 \\ 269 & -2 \end{bmatrix}$$

$$5170, 1560, \begin{bmatrix} 1 & 3 & 5 & 15 \\ 3 & -1 & 0 & 0 \\ 1 & 3 & 1 & -1 \\ 1 & 3 & -8 & 2 \end{bmatrix}$$

5171, 689, [689]

$$5172, 41370, \begin{bmatrix} 1 & 1 & 2 & 83 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 83 & 83 & 166 & -6 \end{bmatrix}$$

$$5173, 17177, \begin{bmatrix} 4 & 131 \\ 131 & -4 \end{bmatrix}$$

$$5174, 79661, \begin{bmatrix} 1 & 6 & 46 \\ 6 & -1 & 0 \\ 46 & 276 & -37 \end{bmatrix}$$

$$5175, 4708, \begin{bmatrix} 2 & 2 & 3 & 3 & 9 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 3 & 3 & -2 \\ 33 & 33 & -4 & -4 & -12 \end{bmatrix}$$

$$5176, 83562, \begin{bmatrix} 1 & 1 & 1 & 118 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 118 & 118 & 118 & -3 \end{bmatrix}$$

$$5177, 1642, \begin{bmatrix} 11 & 39 \\ 39 & -11 \end{bmatrix}$$

$$5178, 22505, \begin{bmatrix} 1 & 2 & 150 \\ 2 & -1 & 0 \\ 30 & 60 & -1 \end{bmatrix}$$

5179, 690, [690]

$$5180, 7182, \begin{bmatrix} 1 & 1 & 3 & 4 & 12 \\ 1 & -1 & 0 & 0 & 0 \\ 2 & 2 & 0 & -1 & 0 \\ 1 & 1 & 6 & 4 & -3 \\ 3 & 3 & -10 & 12 & -2 \end{bmatrix}$$

$$5181, 23766, \begin{bmatrix} 2 & 5 & 37 \\ 1 & 7 & -1 \\ 88 & -13 & -3 \end{bmatrix}$$

$$5182, 142130, \begin{bmatrix} 1 & 377 \\ 377 & -1 \end{bmatrix}$$

$$5183, 841, \begin{bmatrix} 20 & 21 \\ 21 & -20 \end{bmatrix}$$

$$5184, 4224, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 & 2 & 2 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 & -1 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 & -1 & 1 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 & 0 & 0 \\ 4 & 4 & 4 & 4 & 4 & 4 & -3 & -3 & -3 & -3 \end{bmatrix}$$

$$5185, 4202, \begin{bmatrix} 3 & 7 & 18 \\ 1 & -3 & 1 \\ 61 & 15 & -16 \end{bmatrix}$$

$$5186, 142885, \begin{bmatrix} 1 & 378 \\ 378 & -1 \end{bmatrix}$$

$$5187, 180, \begin{bmatrix} 2 & 4 & 6 & 8 \\ 1 & 1 & -1 & 0 \\ 1 & 0 & 1 & -1 \\ 3 & -4 & -1 & 2 \end{bmatrix}$$

$$5188, 89046, \begin{bmatrix} 1 & 1 & 211 \\ 1 & -1 & 0 \\ 211 & 211 & -2 \end{bmatrix}$$

$$5189, 691, [691]$$

$$5190, 33894, \begin{bmatrix} 1 & 2 & 3 & 40 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 20 & 40 & 60 & -7 \end{bmatrix}$$

$$5191, 1781, \begin{bmatrix} 10 & 41 \\ 41 & -10 \end{bmatrix}$$

$$5192, 38040, \begin{bmatrix} 1 & 1 & 1 & 5 & 17 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & -4 & 1 \\ 73 & 73 & 73 & 48 & -27 \end{bmatrix}$$

$$5193, 11244, \begin{bmatrix} 2 & 2 & 106 \\ 1 & -1 & 0 \\ 53 & 53 & -2 \end{bmatrix}$$

$$5194, 4913, \begin{bmatrix} 1 & 4 & 4 & 16 \\ 4 & 0 & -1 & 0 \\ 0 & 4 & 0 & -1 \\ 4 & -1 & 16 & -4 \end{bmatrix}$$

$$5195, 30634, \begin{bmatrix} 3 & 175 \\ 175 & -3 \end{bmatrix}$$

$$5196, 7062, \begin{bmatrix} 1 & 1 & 2 & 84 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 14 & 14 & 28 & -1 \end{bmatrix}$$

$$5197, 692, [692]$$

$$5198, 18658, \begin{bmatrix} 1 & 9 & 30 \\ 3 & 3 & -1 \\ 99 & -91 & 24 \end{bmatrix}$$

$$5199, 36452, \begin{bmatrix} 2 & 270 \\ 135 & -1 \end{bmatrix}$$

$$5200, 1392, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 3 & 6 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 0 & 0 & 1 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 9 & 9 & 9 & 9 & -2 & -2 & -4 \end{bmatrix}$$

$$5201, 4360, \begin{bmatrix} 4 & 132 \\ 33 & -1 \end{bmatrix}$$

$$5202, 3852, \begin{bmatrix} 1 & 2 & 2 & 7 & 7 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 4 & -1 & -1 & 0 & 0 \\ 14 & 28 & 28 & -9 & -9 \end{bmatrix}$$

$$5203, 246, \begin{bmatrix} 5 & 5 & 14 \\ 1 & -1 & 0 \\ 7 & 7 & -5 \end{bmatrix}$$

$$5204, 44946, \begin{bmatrix} 1 & 1 & 212 \\ 1 & -1 & 0 \\ 106 & 106 & -1 \end{bmatrix}$$

$$5205, 62062, \begin{bmatrix} 2 & 3 & 69 \\ 3 & -2 & 0 \\ 138 & 207 & -13 \end{bmatrix}$$

$$5206, 10386, \begin{bmatrix} 1 & 8 & 33 \\ 1 & 4 & -1 \\ 70 & -17 & 2 \end{bmatrix}$$

$$5207, 1130, \begin{bmatrix} 13 & 31 \\ 31 & -13 \end{bmatrix}$$

$$5208, 5184, \begin{bmatrix} 1 & 1 & 1 & 2 & 4 & 11 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 2 & 1 & -1 \\ 1 & 1 & 1 & -4 & 4 & -1 \\ 3 & 3 & 3 & -2 & -4 & 1 \end{bmatrix}$$

5209, 693, [693]

$$5210, 48070, \begin{bmatrix} 1 & 3 & 98 \\ 3 & -1 & 0 \\ 49 & 147 & -5 \end{bmatrix}$$

$$5211, 5844, \begin{bmatrix} 2 & 2 & 2 & 44 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 22 & 22 & 22 & -3 \end{bmatrix}$$

$$5212, 90742, \begin{bmatrix} 1 & 1 & 213 \\ 1 & -1 & 0 \\ 213 & 213 & -2 \end{bmatrix}$$

$$5213, 6277, \begin{bmatrix} 6 & 79 \\ 79 & -6 \end{bmatrix}$$

$$5214, 7710, \begin{bmatrix} 1 & 2 & 5 & 22 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 11 & 22 & 55 & -15 \end{bmatrix}$$

$$5215, 6250, \begin{bmatrix} 3 & 4 & 35 \\ 4 & -3 & 0 \\ 21 & 28 & -5 \end{bmatrix}$$

$$5216, 57960, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 38 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 38 & 38 & 38 & 38 & 38 & -5 \end{bmatrix}$$

$$5217, 6341, \begin{bmatrix} 2 & 12 & 15 \\ 3 & 2 & -2 \\ 54 & -49 & 32 \end{bmatrix}$$

$$5218, 143642, \begin{bmatrix} 1 & 379 \\ 379 & -1 \end{bmatrix}$$

$$5219, 574, \begin{bmatrix} 7 & 63 \\ 9 & -1 \end{bmatrix}$$

$$5220, 3332, \begin{bmatrix} 1 & 1 & 2 & 2 & 3 & 10 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & 1 & 2 & -1 \\ 1 & 1 & -2 & -2 & 2 & 0 \\ 10 & 10 & 3 & 3 & -4 & -2 \end{bmatrix}$$

$$5221, 2482, \begin{bmatrix} 9 & 49 \\ 49 & -9 \end{bmatrix}$$

$$5222, 93381, \begin{bmatrix} 1 & 4 & 74 \\ 4 & -1 & 0 \\ 74 & 296 & -17 \end{bmatrix}$$

$$5223, 73445, \begin{bmatrix} 2 & 271 \\ 271 & -2 \end{bmatrix}$$

$$5224, 84984, \begin{bmatrix} 1 & 1 & 1 & 119 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 119 & 119 & 119 & -3 \end{bmatrix}$$

$$5225, 1070, \begin{bmatrix} 3 & 3 & 5 & 8 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 \\ 13 & 13 & -14 & -1 \end{bmatrix}$$

$$5226, 8040, \begin{bmatrix} 1 & 2 & 6 & 19 \\ 0 & 3 & -1 & 0 \\ 1 & -1 & -3 & 1 \\ 35 & 3 & 9 & -5 \end{bmatrix}$$

5227, 694, [694]

$$5228, 45798, \begin{bmatrix} 1 & 1 & 214 \\ 1 & -1 & 0 \\ 107 & 107 & -1 \end{bmatrix}$$

$$5229, 3318, \begin{bmatrix} 2 & 2 & 4 & 23 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 23 & 23 & 46 & -12 \end{bmatrix}$$

$$5230, 98110, \begin{bmatrix} 1 & 3 & 99 \\ 3 & -1 & 0 \\ 99 & 297 & -10 \end{bmatrix}$$

5231, 695, [695]

$$5232, 27168, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 29 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 29 & 29 & 29 & 29 & 58 & -8 \end{bmatrix}$$

5233, 696, [696]

$$5234, 144401, \begin{bmatrix} 1 & 380 \\ 380 & -1 \end{bmatrix}$$

$$5235, 63869, \begin{bmatrix} 2 & 3 & 70 \\ 3 & -2 & 0 \\ 140 & 210 & -13 \end{bmatrix}$$

$$5236, 920, \begin{bmatrix} 1 & 1 & 4 & 5 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 1 & -1 \\ 1 & 1 & 2 & -2 & 0 \\ 4 & 4 & -7 & -3 & 5 \end{bmatrix}$$

5237, 697, [697]

$$5238, 26796, \begin{bmatrix} 1 & 2 & 2 & 2 & 25 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 7 & 3 & 3 & 3 & -1 \\ 21 & -16 & -16 & -16 & 3 \end{bmatrix}$$

$$5239, 386, \begin{bmatrix} 6 & 6 & 11 \\ 1 & -1 & 0 \\ 11 & 11 & -12 \end{bmatrix}$$

$$5240, 6216, \begin{bmatrix} 1 & 1 & 1 & 3 & 32 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 8 & 8 & 8 & 24 & -3 \end{bmatrix}$$

$$5241, 36994, \begin{bmatrix} 2 & 272 \\ 136 & -1 \end{bmatrix}$$

$$5242, 145162, \begin{bmatrix} 1 & 381 \\ 381 & -1 \end{bmatrix}$$

$$5243, 408, \begin{bmatrix} 4 & 4 & 28 \\ 1 & -1 & 0 \\ 7 & 7 & -2 \end{bmatrix}$$

$$5244, 11778, \begin{bmatrix} 1 & 1 & 2 & 8 & 9 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & 6 & -6 \\ 17 & 17 & 34 & -15 & 2 \end{bmatrix}$$

$$5245, 30985, \begin{bmatrix} 3 & 176 \\ 176 & -3 \end{bmatrix}$$

$$5246, 9378, \begin{bmatrix} 1 & 14 & 18 \\ 4 & 1 & -1 \\ 32 & -73 & 55 \end{bmatrix}$$

$$5247, 9826, \begin{bmatrix} 2 & 2 & 5 & 16 \\ 3 & 2 & -2 & 0 \\ 2 & -5 & -2 & 1 \\ 14 & -3 & 18 & -7 \end{bmatrix}$$

$$5248, 33792, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 13 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 3 & 3 & 3 & 1 & 1 & -1 \\ 15 & 15 & -7 & -7 & -7 & 15 & 15 & -3 \end{bmatrix}$$

$$5249, 932, \begin{bmatrix} 10 & 42 \\ 21 & -5 \end{bmatrix}$$

$$5250, 384, \begin{bmatrix} 1 & 2 & 3 & 3 & 3 & 4 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & -1 & 0 & -1 & 0 & 1 \\ 0 & 1 & -1 & 0 & -1 & 1 \\ 2 & 1 & 0 & 0 & 0 & -1 \\ 1 & -2 & -1 & 3 & -1 & 0 \end{bmatrix}$$

$$5251, 865, \begin{bmatrix} 17 & 24 \\ 24 & -17 \end{bmatrix}$$

$$5252, 1428, \begin{bmatrix} 1 & 1 & 6 & 26 \\ 1 & -1 & 0 & 0 \\ 4 & 4 & 3 & -1 \\ 2 & 2 & -5 & 1 \end{bmatrix}$$

$$5253, 2346, \begin{bmatrix} 2 & 7 & 27 \\ 10 & 1 & -1 \\ 1 & -8 & 2 \end{bmatrix}$$

$$5254, 11445, \begin{bmatrix} 1 & 12 & 20 \\ 4 & 8 & -5 \\ 44 & -17 & 8 \end{bmatrix}$$

$$5255, 10446, \begin{bmatrix} 3 & 177 \\ 59 & -1 \end{bmatrix}$$

$$5256, 59664, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 21 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 4 & 4 & 4 & -3 & -3 & 0 \\ 21 & 21 & 21 & 42 & 42 & -11 \end{bmatrix}$$

$$5257, 17705, \begin{bmatrix} 4 & 133 \\ 133 & -4 \end{bmatrix}$$

$$5258, 2730, \begin{bmatrix} 1 & 5 & 52 \\ 5 & -1 & 0 \\ 2 & 10 & -1 \end{bmatrix}$$

$$5259, 74533, \begin{bmatrix} 2 & 273 \\ 273 & -2 \end{bmatrix}$$

$$5260, 69234, \begin{bmatrix} 1 & 1 & 3 & 56 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 56 & 56 & 168 & -11 \end{bmatrix}$$

$$5261, 698, [698]$$

$$5262, 114030, \begin{bmatrix} 1 & 2 & 151 \\ 2 & -1 & 0 \\ 151 & 302 & -5 \end{bmatrix}$$

$$5263, 3545, \begin{bmatrix} 8 & 59 \\ 59 & -8 \end{bmatrix}$$

$$5264, 1960, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 15 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & 0 \\ 3 & 3 & 3 & 3 & 12 & -4 \end{bmatrix}$$

$$5265, 2440, \begin{bmatrix} 2 & 2 & 2 & 2 & 3 & 6 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 2 & -1 \\ 15 & 15 & 15 & 15 & -8 & -16 \end{bmatrix}$$

$$5266, 145925, \begin{bmatrix} 1 & 382 \\ 382 & -1 \end{bmatrix}$$

$$5267, 2581, \begin{bmatrix} 9 & 50 \\ 50 & -9 \end{bmatrix}$$

$$5268, 43386, \begin{bmatrix} 1 & 1 & 2 & 85 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 85 & 85 & 170 & -6 \end{bmatrix}$$

$$5269, 8489, \begin{bmatrix} 5 & 92 \\ 92 & -5 \end{bmatrix}$$

$$5270, 720, \begin{bmatrix} 1 & 3 & 7 & 11 \\ 1 & 1 & 1 & -1 \\ 5 & -3 & -1 & 1 \\ 1 & 3 & -3 & 1 \end{bmatrix}$$

$$5271, 7340, \begin{bmatrix} 2 & 4 & 54 \\ 2 & -1 & 0 \\ 27 & 54 & -5 \end{bmatrix}$$

$$5272, 28806, \begin{bmatrix} 1 & 1 & 1 & 120 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 40 & 40 & 40 & -1 \end{bmatrix}$$

$$5273, 699, [699]$$

$$5274, 69354, \begin{bmatrix} 1 & 2 & 2 & 62 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 62 & 124 & 124 & -9 \end{bmatrix}$$

$$5275, 4454, \begin{bmatrix} 3 & 3 & 47 \\ 1 & -1 & 0 \\ 47 & 47 & -6 \end{bmatrix}$$

$$5276, 92454, \begin{bmatrix} 1 & 1 & 215 \\ 1 & -1 & 0 \\ 215 & 215 & -2 \end{bmatrix}$$

$$5277, 37540, \begin{bmatrix} 2 & 274 \\ 137 & -1 \end{bmatrix}$$

$$5278, 918, \begin{bmatrix} 1 & 4 & 6 & 10 \\ 0 & 1 & 1 & -1 \\ 2 & 1 & -1 & 0 \\ 10 & -11 & 9 & -2 \end{bmatrix}$$

5279, 700, [700]

$$5280, 13932, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 3 & 5 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & 1 & 1 & 1 & 0 & -1 & 0 \\ 1 & 0 & 0 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & -2 & 1 & 1 & -1 & 0 & 0 \\ 5 & 5 & 5 & 5 & 5 & 10 & 15 & -18 \end{bmatrix}$$

5281, 701, [701]

$$5282, 8547, \begin{bmatrix} 1 & 8 & 34 \\ 2 & 4 & -1 \\ 48 & -23 & 4 \end{bmatrix}$$

$$5283, 22914, \begin{bmatrix} 2 & 2 & 107 \\ 1 & -1 & 0 \\ 107 & 107 & -4 \end{bmatrix}$$

$$5284, 46658, \begin{bmatrix} 1 & 1 & 216 \\ 1 & -1 & 0 \\ 108 & 108 & -1 \end{bmatrix}$$

$$5285, 33025, \begin{bmatrix} 3 & 4 & 36 \\ 4 & -3 & 0 \\ 108 & 144 & -25 \end{bmatrix}$$

$$5286, 115545, \begin{bmatrix} 1 & 2 & 152 \\ 2 & -1 & 0 \\ 152 & 304 & -5 \end{bmatrix}$$

$$5287, 4145, \begin{bmatrix} 7 & 64 \\ 64 & -7 \end{bmatrix}$$

$$5288, 87864, \begin{bmatrix} 1 & 1 & 1 & 121 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 121 & 121 & 121 & -3 \end{bmatrix}$$

$$5289, 369, \begin{bmatrix} 2 & 13 & 14 \\ 6 & -2 & 1 \\ 1 & 2 & -2 \end{bmatrix}$$

$$5290, 1720, \begin{bmatrix} 1 & 3 & 9 & 9 \\ 0 & 0 & 1 & -1 \\ 3 & -1 & 0 & 0 \\ 9 & 27 & -5 & -5 \end{bmatrix}$$

$$5291, 205, \begin{bmatrix} 5 & 6 & 12 \\ 0 & 2 & -1 \\ 6 & -1 & -2 \end{bmatrix}$$

$$5292, 2760, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 4 & 4 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 2 & 0 & 2 & -1 & -1 \\ 10 & 10 & -3 & 20 & -3 & -6 & -6 \end{bmatrix}$$

$$5293, 845, \begin{bmatrix} 19 & 22 \\ 22 & -19 \end{bmatrix}$$

$$5294, 146690, \begin{bmatrix} 1 & 383 \\ 383 & -1 \end{bmatrix}$$

$$5295, 65702, \begin{bmatrix} 2 & 3 & 71 \\ 3 & -2 & 0 \\ 142 & 213 & -13 \end{bmatrix}$$

$$5296, 35944, \begin{bmatrix} 1 & 1 & 1 & 1 & 67 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 67 & 67 & 67 & 67 & -4 \end{bmatrix}$$

$$5297, 702, [702]$$

$$5298, 117070, \begin{bmatrix} 1 & 2 & 153 \\ 2 & -1 & 0 \\ 153 & 306 & -5 \end{bmatrix}$$

$$5299, 8986, \begin{bmatrix} 4 & 134 \\ 67 & -2 \end{bmatrix}$$

$$5300, 2760, \begin{bmatrix} 1 & 1 & 3 & 3 & 16 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 3 & 3 & -1 & -1 & 0 \\ 4 & 4 & 12 & 12 & -5 \end{bmatrix}$$

$$5301, 3474, \begin{bmatrix} 2 & 2 & 8 & 11 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 11 & 11 & 44 & -36 \end{bmatrix}$$

$$5302, 17010, \begin{bmatrix} 1 & 5 & 53 \\ 28 & 5 & -1 \\ 2 & -11 & 1 \end{bmatrix}$$

5303, 703, [703]

$$5304, 8280, \begin{bmatrix} 1 & 1 & 1 & 2 & 6 & 7 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & 1 & 2 & -2 & 1 \\ 1 & 2 & 1 & 2 & 1 & -2 \\ 2 & -21 & 2 & 4 & 12 & -9 \end{bmatrix}$$

$$5305, 31693, \begin{bmatrix} 3 & 178 \\ 178 & -3 \end{bmatrix}$$

$$5306, 50778, \begin{bmatrix} 1 & 4 & 75 \\ 19 & 14 & -1 \\ 17 & -23 & 1 \end{bmatrix}$$

$$5307, 1284, \begin{bmatrix} 2 & 10 & 18 \\ 1 & -2 & 1 \\ 23 & 8 & -7 \end{bmatrix}$$

$$5308, 94182, \begin{bmatrix} 1 & 1 & 217 \\ 1 & -1 & 0 \\ 217 & 217 & -2 \end{bmatrix}$$

$$5309, 704, [704]$$

$$5310, 16578, \begin{bmatrix} 1 & 2 & 2 & 3 & 17 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 0 & -2 & 1 & 0 \\ 2 & -2 & 1 & 0 & 0 \\ 17 & 34 & 34 & 51 & -18 \end{bmatrix}$$

$$5311, 75, \begin{bmatrix} 15 & 30 \\ 2 & -1 \end{bmatrix}$$

$$5312, 25680, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 23 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 23 & 23 & 23 & 23 & 23 & 23 & -6 \end{bmatrix}$$

$$5313, 378, \begin{bmatrix} 2 & 4 & 5 & 9 \\ 2 & 0 & 1 & -1 \\ 1 & 2 & -2 & 0 \\ 2 & -3 & -2 & 2 \end{bmatrix}$$

$$5314, 147457, \begin{bmatrix} 1 & 384 \\ 384 & -1 \end{bmatrix}$$

$$5315, 32050, \begin{bmatrix} 3 & 179 \\ 179 & -3 \end{bmatrix}$$

$$5316, 22206, \begin{bmatrix} 1 & 1 & 2 & 86 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 43 & 43 & 86 & -3 \end{bmatrix}$$

$$5317, 3218, \begin{bmatrix} 6 & 80 \\ 40 & -3 \end{bmatrix}$$

$$5318, 148226, \begin{bmatrix} 1 & 385 \\ 385 & -1 \end{bmatrix}$$

$$5319, 4074, \begin{bmatrix} 2 & 2 & 2 & 45 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 15 & 15 & 15 & -2 \end{bmatrix}$$

$$5320, 2760, \begin{bmatrix} 1 & 1 & 1 & 3 & 4 & 8 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 2 & -1 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 5 & 5 & 5 & 15 & -3 & -6 \end{bmatrix}$$

$$5321, 4274, \begin{bmatrix} 7 & 65 \\ 65 & -7 \end{bmatrix}$$

$$5322, 118605, \begin{bmatrix} 1 & 2 & 154 \\ 2 & -1 & 0 \\ 154 & 308 & -5 \end{bmatrix}$$

5323, 705, [705]

$$5324, 924, \begin{bmatrix} 1 & 1 & 5 & 5 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 \\ 0 & 0 & 1 & -2 & 1 \\ 15 & 15 & -2 & -2 & -2 \end{bmatrix}$$

$$5325, 4642, \begin{bmatrix} 2 & 3 & 3 & 20 \\ 0 & 1 & -1 & 0 \\ 3 & -1 & -1 & 0 \\ 20 & 30 & 30 & -11 \end{bmatrix}$$

$$5326, 148997, \begin{bmatrix} 1 & 386 \\ 386 & -1 \end{bmatrix}$$

$$5327, 18241, \begin{bmatrix} 4 & 135 \\ 135 & -4 \end{bmatrix}$$

$$5328, 624, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 12 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 0 \\ 1 & 1 & 1 & 1 & 2 & 2 & -1 \end{bmatrix}$$

$$5329, 42, \begin{bmatrix} 21 & 21 \\ 1 & -1 \end{bmatrix}$$

$$5330, 2150, \begin{bmatrix} 1 & 3 & 6 & 13 \\ 0 & 2 & -1 & 0 \\ 16 & 5 & 10 & -7 \\ 2 & -1 & -2 & 1 \end{bmatrix}$$

$$5331, 75629, \begin{bmatrix} 2 & 275 \\ 275 & -2 \end{bmatrix}$$

$$5332, 5742, \begin{bmatrix} 1 & 1 & 11 & 14 \\ 1 & -1 & 0 & 0 \\ 7 & 7 & 0 & -1 \\ 1 & 1 & -18 & 14 \end{bmatrix}$$

$$5333, 706, [706]$$

$$5334, 41244, \begin{bmatrix} 1 & 2 & 4 & 31 \\ 2 & 1 & -1 & 0 \\ 2 & -3 & 1 & 0 \\ 31 & 62 & 124 & -21 \end{bmatrix}$$

$$5335, 17134, \begin{bmatrix} 3 & 5 & 25 \\ 0 & 5 & -1 \\ 130 & -3 & -15 \end{bmatrix}$$

$$5336, 5520, \begin{bmatrix} 1 & 1 & 1 & 9 & 10 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 1 & -1 \\ 1 & 5 & 1 & -3 & 2 \\ 18 & -5 & 18 & 1 & -4 \end{bmatrix}$$

$$5337, 5836, \begin{bmatrix} 2 & 2 & 108 \\ 1 & -1 & 0 \\ 27 & 27 & -1 \end{bmatrix}$$

$$5338, 14190, \begin{bmatrix} 1 & 7 & 37 \\ 2 & 5 & -1 \\ 64 & -25 & 3 \end{bmatrix}$$

$$5339, 916, \begin{bmatrix} 8 & 60 \\ 15 & -2 \end{bmatrix}$$

$$5340, 5910, \begin{bmatrix} 1 & 1 & 2 & 3 & 24 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 8 & 8 & 16 & 24 & -5 \end{bmatrix}$$

$$5341, 1746, \begin{bmatrix} 4 & 4 & 29 \\ 1 & -1 & 0 \\ 29 & 29 & -8 \end{bmatrix}$$

$$5342, 149770, \begin{bmatrix} 1 & 387 \\ 387 & -1 \end{bmatrix}$$

$$5343, 11290, \begin{bmatrix} 2 & 6 & 33 \\ 3 & -1 & 0 \\ 33 & 99 & -20 \end{bmatrix}$$

$$5344, 61040, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 39 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 39 & 39 & 39 & 39 & 39 & -5 \end{bmatrix}$$

$$5345, 10803, \begin{bmatrix} 3 & 180 \\ 60 & -1 \end{bmatrix}$$

$$5346, 5520, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 2 & 5 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 0 & 0 & 0 & 1 & -1 \\ 1 & 0 & -1 & -1 & -1 & 0 & 1 \\ 0 & 0 & 1 & -2 & 1 & 0 & 0 \\ 27 & -15 & 8 & 8 & 8 & -15 & -3 \end{bmatrix}$$

$$5347, 707, [707]$$

$$5348, 33606, \begin{bmatrix} 1 & 1 & 4 & 43 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 43 & 43 & 172 & -18 \end{bmatrix}$$

$$5349, 38090, \begin{bmatrix} 2 & 276 \\ 138 & -1 \end{bmatrix}$$

$$5350, 8030, \begin{bmatrix} 1 & 3 & 3 & 28 \\ 0 & 1 & -1 & 0 \\ 26 & 5 & 5 & -2 \\ 2 & -5 & -5 & 1 \end{bmatrix}$$

$$5351, 708, [708]$$

$$5352, 97062, \begin{bmatrix} 1 & 1 & 1 & 2 & 48 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 48 & 48 & 48 & 96 & -7 \end{bmatrix}$$

$$5353, 466, \begin{bmatrix} 16 & 26 \\ 13 & -8 \end{bmatrix}$$

$$5354, 150545, \begin{bmatrix} 1 & 388 \\ 388 & -1 \end{bmatrix}$$

$$5355, 1312, \begin{bmatrix} 2 & 2 & 3 & 4 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 \\ 1 & 1 & -1 & -2 & 1 \\ 5 & 5 & -13 & 10 & -3 \end{bmatrix}$$

$$5356, 29146, \begin{bmatrix} 1 & 1 & 6 & 27 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -1 & 0 \\ 27 & 27 & 162 & -38 \end{bmatrix}$$

$$5357, 8674, \begin{bmatrix} 5 & 93 \\ 93 & -5 \end{bmatrix}$$

$$5358, 2058, \begin{bmatrix} 1 & 2 & 8 & 15 \\ 1 & -1 & 2 & -1 \\ 4 & 2 & -1 & 0 \\ 3 & -8 & -4 & 3 \end{bmatrix}$$

$$5359, 894, \begin{bmatrix} 9 & 51 \\ 17 & -3 \end{bmatrix}$$

$$5360, 8976, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 19 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 4 & 4 & 4 & 4 & 1 & -1 \\ 1 & 1 & 1 & 1 & -14 & 2 \end{bmatrix}$$

$$5361, 76733, \begin{bmatrix} 2 & 277 \\ 277 & -2 \end{bmatrix}$$

$$5362, 98481, \begin{bmatrix} 1 & 4 & 76 \\ 4 & -1 & 0 \\ 76 & 304 & -17 \end{bmatrix}$$

$$5363, 1721, \begin{bmatrix} 11 & 40 \\ 40 & -11 \end{bmatrix}$$

$$5364, 4940, \begin{bmatrix} 1 & 1 & 2 & 2 & 35 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 7 & 7 & 14 & 14 & -2 \end{bmatrix}$$

$$5365, 506, \begin{bmatrix} 3 & 10 & 12 \\ 6 & -3 & 1 \\ 2 & 3 & -3 \end{bmatrix}$$

$$5366, 151322, \begin{bmatrix} 1 & 389 \\ 389 & -1 \end{bmatrix}$$

$$5367, 38644, \begin{bmatrix} 2 & 278 \\ 139 & -1 \end{bmatrix}$$

$$5368, 10560, \begin{bmatrix} 1 & 1 & 1 & 5 & 18 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 7 & 7 & 7 & 3 & -2 \\ 2 & 2 & 2 & -12 & 3 \end{bmatrix}$$

$$5369, 3410, \begin{bmatrix} 4 & 6 & 17 \\ 5 & -9 & 2 \\ 15 & 7 & -6 \end{bmatrix}$$

$$5370, 71190, \begin{bmatrix} 1 & 2 & 3 & 41 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 41 & 82 & 123 & -14 \end{bmatrix}$$

$$5371, 1193, \begin{bmatrix} 13 & 32 \\ 32 & -13 \end{bmatrix}$$

$$5372, 7490, \begin{bmatrix} 1 & 1 & 7 & 22 \\ 1 & -1 & 0 & 0 \\ 19 & 19 & 26 & -10 \\ 3 & 3 & -4 & 1 \end{bmatrix}$$

$$5373, 6384, \begin{bmatrix} 2 & 2 & 2 & 46 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 23 & 23 & 23 & -3 \end{bmatrix}$$

$$5374, 152101, \begin{bmatrix} 1 & 390 \\ 390 & -1 \end{bmatrix}$$

$$5375, 1338, \begin{bmatrix} 3 & 3 & 3 & 14 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 14 & 14 & 14 & -9 \end{bmatrix}$$

$$5376, 4032, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 4 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 & 0 \\ 1 & -1 & -1 & -1 & -1 & -1 & -1 & 1 & 2 & 0 \\ 0 & 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & -3 \end{bmatrix}$$

$$5377, 3785, \begin{bmatrix} 8 & 61 \\ 61 & -8 \end{bmatrix}$$

$$5378, 152882, \begin{bmatrix} 1 & 391 \\ 391 & -1 \end{bmatrix}$$

$$5379, 32406, \begin{bmatrix} 2 & 5 & 38 \\ 1 & -8 & 1 \\ 103 & 12 & -7 \end{bmatrix}$$

$$5380, 71720, \begin{bmatrix} 1 & 1 & 3 & 57 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 57 & 57 & 171 & -11 \end{bmatrix}$$

$$5381, 709, [709]$$

$$5382, 1512, \begin{bmatrix} 1 & 2 & 2 & 6 & 9 \\ 1 & 1 & 0 & 1 & -1 \\ 0 & 1 & 2 & -1 & 0 \\ 2 & -2 & 1 & 0 & 0 \\ 5 & 3 & -4 & -5 & 3 \end{bmatrix}$$

$$5383, 4628, \begin{bmatrix} 4 & 136 \\ 34 & -1 \end{bmatrix}$$

$$5384, 89322, \begin{bmatrix} 1 & 1 & 1 & 122 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 122 & 122 & 122 & -3 \end{bmatrix}$$

$$5385, 67561, \begin{bmatrix} 2 & 3 & 72 \\ 3 & -2 & 0 \\ 144 & 216 & -13 \end{bmatrix}$$

$$5386, 153665, \begin{bmatrix} 1 & 392 \\ 392 & -1 \end{bmatrix}$$

5387, 710, [710]

$$5388, 15150, \begin{bmatrix} 1 & 1 & 2 & 87 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 29 & 29 & 58 & -2 \end{bmatrix}$$

$$5389, 4405, \begin{bmatrix} 7 & 66 \\ 66 & -7 \end{bmatrix}$$

$$5390, 1608, \begin{bmatrix} 1 & 3 & 4 & 4 & 5 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -1 & -1 & 1 \\ 2 & 1 & 0 & 0 & -1 \\ 16 & -19 & -3 & -3 & 13 \end{bmatrix}$$

$$5391, 23778, \begin{bmatrix} 2 & 2 & 109 \\ 1 & -1 & 0 \\ 109 & 109 & -4 \end{bmatrix}$$

$$5392, 9256, \begin{bmatrix} 1 & 1 & 1 & 1 & 68 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 17 & 17 & 17 & 17 & -1 \end{bmatrix}$$

5393, 711, [711]

$$5394, 7458, \begin{bmatrix} 1 & 2 & 10 & 11 \\ 1 & 0 & 1 & -1 \\ 4 & -3 & -2 & 2 \\ 21 & 42 & -16 & 5 \end{bmatrix}$$

$$5395, 2870, \begin{bmatrix} 3 & 6 & 23 \\ 2 & -1 & 0 \\ 23 & 46 & -15 \end{bmatrix}$$

$$5396, 6058, \begin{bmatrix} 1 & 1 & 8 & 20 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 2 & -1 \\ 24 & 24 & -41 & 14 \end{bmatrix}$$

$$5397, 3045, \begin{bmatrix} 2 & 4 & 55 \\ 2 & -1 & 0 \\ 11 & 22 & -2 \end{bmatrix}$$

$$5398, 154450, \begin{bmatrix} 1 & 393 \\ 393 & -1 \end{bmatrix}$$

5399, 712, [712]

$$5400, 3960, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 & 3 & 3 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -1 & -1 & -1 & 0 & 0 \\ 2 & 2 & 2 & 4 & 4 & 4 & -5 & -5 \end{bmatrix}$$

$$5401, 8861, \begin{bmatrix} 5 & 94 \\ 94 & -5 \end{bmatrix}$$

$$5402, 4102, \begin{bmatrix} 1 & 12 & 21 \\ 3 & -2 & 1 \\ 27 & 31 & -19 \end{bmatrix}$$

$$5403, 77845, \begin{bmatrix} 2 & 279 \\ 279 & -2 \end{bmatrix}$$

$$5404, 17586, \begin{bmatrix} 1 & 1 & 4 & 44 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 22 & 22 & 88 & -9 \end{bmatrix}$$

$$5405, 210, \begin{bmatrix} 3 & 9 & 15 \\ 3 & -1 & 0 \\ 1 & 3 & -2 \end{bmatrix}$$

$$5406, 4650, \begin{bmatrix} 1 & 2 & 7 & 16 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -3 & 1 \\ 11 & 22 & 15 & -10 \end{bmatrix}$$

$$5407, 713, [713]$$

$$5408, 6160, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 6 & 6 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 8 & 1 & 1 & -1 & -1 \\ 7 & 7 & -4 & 7 & 7 & -2 & -2 \end{bmatrix}$$

$$5409, 12108, \begin{bmatrix} 2 & 2 & 110 \\ 1 & -1 & 0 \\ 55 & 55 & -2 \end{bmatrix}$$

$$5410, 10010, \begin{bmatrix} 1 & 3 & 100 \\ 3 & -1 & 0 \\ 10 & 30 & -1 \end{bmatrix}$$

$$5411, 18785, \begin{bmatrix} 4 & 137 \\ 137 & -4 \end{bmatrix}$$

$$5412, 6000, \begin{bmatrix} 1 & 1 & 2 & 5 & 13 \\ 2 & -1 & 2 & -1 & 0 \\ 1 & 0 & -2 & -2 & 1 \\ 3 & -1 & -2 & 3 & -1 \\ 3 & 8 & 1 & 0 & -1 \end{bmatrix}$$

5413, 714, [714]

$$5414, 155237, \begin{bmatrix} 1 & 394 \\ 394 & -1 \end{bmatrix}$$

$$5415, 3102, \begin{bmatrix} 2 & 3 & 8 & 8 \\ 0 & 0 & 1 & -1 \\ 8 & 0 & -1 & -1 \\ 1 & -22 & 4 & 4 \end{bmatrix}$$

$$5416, 30264, \begin{bmatrix} 1 & 1 & 1 & 123 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 41 & 41 & 41 & -1 \end{bmatrix}$$

5417, 715, [715]

$$5418, 9282, \begin{bmatrix} 1 & 2 & 2 & 4 & 14 \\ 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & 1 & -1 & 0 \\ 18 & 2 & 2 & 4 & -3 \\ 4 & -5 & -5 & -10 & 4 \end{bmatrix}$$

5419, 716, [716]

$$5420, 74250, \begin{bmatrix} 1 & 1 & 3 & 58 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 58 & 58 & 174 & -11 \end{bmatrix}$$

$$5421, 5980, \begin{bmatrix} 2 & 6 & 34 \\ 3 & -1 & 0 \\ 17 & 51 & -10 \end{bmatrix}$$

$$5422, 156026, \begin{bmatrix} 1 & 395 \\ 395 & -1 \end{bmatrix}$$

$$5423, 870, \begin{bmatrix} 5 & 7 & 10 \\ 2 & 0 & -1 \\ 7 & -25 & 14 \end{bmatrix}$$

$$5424, 14528, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 30 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 15 & 15 & 15 & 15 & 30 & -4 \end{bmatrix}$$

$$5425, 3410, \begin{bmatrix} 3 & 3 & 4 & 11 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -7 & 2 \\ 17 & 17 & 2 & -10 \end{bmatrix}$$

$$5426, 156817, \begin{bmatrix} 1 & 396 \\ 396 & -1 \end{bmatrix}$$

$$5427, 3016, \begin{bmatrix} 2 & 2 & 2 & 2 & 19 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 19 & 19 & 19 & 19 & -8 \end{bmatrix}$$

$$5428, 3720, \begin{bmatrix} 1 & 1 & 9 & 17 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & -3 & 1 \\ 5 & 5 & 14 & -8 \end{bmatrix}$$

$$5429, 150, \begin{bmatrix} 18 & 24 \\ 4 & -3 \end{bmatrix}$$

$$5430, 5334, \begin{bmatrix} 1 & 2 & 3 & 42 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 3 & 6 & 9 & -1 \end{bmatrix}$$

5431, 717, [717]

$$5432, 30912, \begin{bmatrix} 1 & 1 & 1 & 4 & 25 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 11 & 11 & 11 & -2 & -1 \\ 1 & 1 & 1 & 18 & -3 \end{bmatrix}$$

$$5433, 39202, \begin{bmatrix} 2 & 280 \\ 140 & -1 \end{bmatrix}$$

$$5434, 378, \begin{bmatrix} 1 & 5 & 6 & 8 \\ 1 & 1 & -1 & 0 \\ 3 & 1 & 4 & -4 \\ 2 & -2 & 0 & 1 \end{bmatrix}$$

$$5435, 32770, \begin{bmatrix} 3 & 181 \\ 181 & -3 \end{bmatrix}$$

$$5436, 13060, \begin{bmatrix} 1 & 1 & 2 & 2 & 36 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 18 & 18 & 36 & 36 & -5 \end{bmatrix}$$

5437, 718, [718]

$$5438, 157610, \begin{bmatrix} 1 & 397 \\ 397 & -1 \end{bmatrix}$$

$$5439, 540, \begin{bmatrix} 2 & 4 & 4 & 12 \\ 0 & 2 & 1 & -1 \\ 2 & 1 & -2 & 0 \\ 4 & -2 & 3 & -1 \end{bmatrix}$$

$$5440, 6144, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 3 & 7 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 0 & 0 & 1 & 1 & 1 & -1 \\ 1 & 1 & -1 & -1 & 1 & 1 & -3 & 1 \\ 1 & 1 & 9 & 9 & 1 & 1 & -5 & -1 \end{bmatrix}$$

$$5441, 719, [719]$$

$$5442, 24030, \begin{bmatrix} 1 & 2 & 155 \\ 2 & -1 & 0 \\ 31 & 62 & -1 \end{bmatrix}$$

$$5443, 720, [720]$$

$$5444, 47526, \begin{bmatrix} 1 & 1 & 218 \\ 1 & -1 & 0 \\ 109 & 109 & -1 \end{bmatrix}$$

$$5445, 1072, \begin{bmatrix} 2 & 2 & 3 & 5 & 5 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & 2 & -1 & -1 \\ 13 & 13 & -14 & -1 & -1 \end{bmatrix}$$

$$5446, 101082, \begin{bmatrix} 1 & 4 & 77 \\ 4 & -1 & 0 \\ 77 & 308 & -17 \end{bmatrix}$$

$$5447, 2199, \begin{bmatrix} 6 & 81 \\ 27 & -2 \end{bmatrix}$$

$$5448, 14448, \begin{bmatrix} 1 & 1 & 1 & 2 & 49 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 7 & 7 & 7 & 14 & -1 \end{bmatrix}$$

5449, 721, [721]

$$5450, 12040, \begin{bmatrix} 1 & 3 & 3 & 29 \\ 0 & 1 & -1 & 0 \\ 11 & 3 & 3 & -1 \\ 9 & -16 & -16 & 3 \end{bmatrix}$$

$$5451, 5121, \begin{bmatrix} 2 & 9 & 22 \\ 2 & 2 & -1 \\ 53 & -46 & 14 \end{bmatrix}$$

$$5452, 8502, \begin{bmatrix} 1 & 1 & 10 & 15 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 3 & -2 \\ 65 & 65 & -4 & -6 \end{bmatrix}$$

$$5453, 1245, \begin{bmatrix} 4 & 8 & 13 \\ 2 & -1 & 0 \\ 13 & 26 & -20 \end{bmatrix}$$

$$5454, 4134, \begin{bmatrix} 1 & 2 & 2 & 2 & 26 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 6 & -1 & -1 & -1 & 0 \\ 2 & 4 & 4 & 4 & -1 \end{bmatrix}$$

$$5455, 33133, \begin{bmatrix} 3 & 182 \\ 182 & -3 \end{bmatrix}$$

$$5456, 6000, \begin{bmatrix} 1 & 1 & 1 & 1 & 5 & 11 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 2 & 1 & 0 & 2 & -1 & 0 \\ 0 & 2 & -1 & 0 & 2 & -1 \\ 1 & -2 & 1 & 1 & 2 & -1 \\ 1 & -4 & -9 & 1 & 0 & 1 \end{bmatrix}$$

$$5457, 5022, \begin{bmatrix} 2 & 7 & 28 \\ 7 & 2 & -1 \\ 7 & -22 & 5 \end{bmatrix}$$

$$5458, 158405, \begin{bmatrix} 1 & 398 \\ 398 & -1 \end{bmatrix}$$

$$5459, 985, \begin{bmatrix} 16 & 27 \\ 27 & -16 \end{bmatrix}$$

$$5460, 11256, \begin{bmatrix} 1 & 1 & 2 & 3 & 4 & 6 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 & 0 \\ 0 & 0 & 1 & -2 & 1 & 0 \\ 0 & 0 & 2 & 2 & 2 & -3 \\ 21 & 21 & -25 & -4 & 17 & -8 \end{bmatrix}$$

$$5461, 1157, \begin{bmatrix} 14 & 31 \\ 31 & -14 \end{bmatrix}$$

$$5462, 159202, \begin{bmatrix} 1 & 399 \\ 399 & -1 \end{bmatrix}$$

$$5463, 24658, \begin{bmatrix} 2 & 2 & 111 \\ 1 & -1 & 0 \\ 111 & 111 & -4 \end{bmatrix}$$

$$5464, 92274, \begin{bmatrix} 1 & 1 & 1 & 124 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 124 & 124 & 124 & -3 \end{bmatrix}$$

$$5465, 11166, \begin{bmatrix} 3 & 183 \\ 61 & -1 \end{bmatrix}$$

$$5466, 121705, \begin{bmatrix} 1 & 2 & 156 \\ 2 & -1 & 0 \\ 156 & 312 & -5 \end{bmatrix}$$

$$5467, 2205, \begin{bmatrix} 4 & 5 & 20 \\ 10 & -12 & 1 \\ 5 & 4 & -2 \end{bmatrix}$$

$$5468, 95926, \begin{bmatrix} 1 & 1 & 219 \\ 1 & -1 & 0 \\ 219 & 219 & -2 \end{bmatrix}$$

$$5469, 78965, \begin{bmatrix} 2 & 281 \\ 281 & -2 \end{bmatrix}$$

$$5470, 102110, \begin{bmatrix} 1 & 3 & 101 \\ 3 & -1 & 0 \\ 101 & 303 & -10 \end{bmatrix}$$

$$5471, 722, [722]$$

$$5472, 8624, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 2 & 8 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 0 & 1 & 1 & 1 & 1 & -1 \\ 1 & 1 & 4 & 1 & 1 & -2 & -2 & 0 \\ 3 & 3 & -8 & 3 & 3 & -5 & -5 & 2 \end{bmatrix}$$

$$5473, 3380, \begin{bmatrix} 6 & 82 \\ 41 & -3 \end{bmatrix}$$

$$5474, 2058, \begin{bmatrix} 1 & 4 & 7 & 9 \\ 2 & -1 & -1 & 1 \\ 4 & 4 & 1 & -3 \\ 2 & -6 & 7 & -3 \end{bmatrix}$$

$$5475, 10186, \begin{bmatrix} 2 & 3 & 3 & 21 \\ 0 & 1 & -1 & 0 \\ 3 & -1 & -1 & 0 \\ 42 & 63 & 63 & -22 \end{bmatrix}$$

$$5476, 580, \begin{bmatrix} 1 & 1 & 12 & 12 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 12 & 12 & -1 & -1 \end{bmatrix}$$

5477, 723, [723]

$$5478, 16770, \begin{bmatrix} 1 & 2 & 5 & 23 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 23 & 46 & 115 & -30 \end{bmatrix}$$

5479, 724, [724]

$$5480, 8808, \begin{bmatrix} 1 & 1 & 1 & 3 & 33 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 11 & 11 & 11 & 33 & -4 \end{bmatrix}$$

$$5481, 768, \begin{bmatrix} 2 & 2 & 2 & 4 & 10 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & -1 & 0 \\ 1 & -1 & 1 & 2 & -1 \\ 1 & 9 & 1 & 2 & -3 \end{bmatrix}$$

$$5482, 160001, \begin{bmatrix} 1 & 400 \\ 400 & -1 \end{bmatrix}$$

5483, 725, [725]

$$5484, 23250, \begin{bmatrix} 1 & 1 & 2 & 88 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 44 & 44 & 88 & -3 \end{bmatrix}$$

$$5485, 33865, \begin{bmatrix} 3 & 184 \\ 184 & -3 \end{bmatrix}$$

$$5486, 74118, \begin{bmatrix} 1 & 6 & 47 \\ 1 & -8 & 1 \\ 191 & 23 & -7 \end{bmatrix}$$

$$5487, 2070, \begin{bmatrix} 2 & 11 & 17 \\ 10 & 9 & -7 \\ 5 & -4 & 2 \end{bmatrix}$$

$$5488, 624, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 4 & 4 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -2 & 1 \\ 3 & 3 & 3 & 3 & -1 & -1 & -1 \end{bmatrix}$$

$$5489, 1810, \begin{bmatrix} 5 & 95 \\ 19 & -1 \end{bmatrix}$$

$$5490, 1026, \begin{bmatrix} 1 & 2 & 2 & 3 & 18 \\ 1 & 1 & 0 & -1 & 0 \\ 1 & 0 & -2 & 1 & 0 \\ 2 & -2 & 1 & 0 & 0 \\ 1 & 2 & 2 & 3 & -1 \end{bmatrix}$$

$$5491, 162, \begin{bmatrix} 7 & 7 & 8 \\ 1 & -1 & 0 \\ 4 & 4 & -7 \end{bmatrix}$$

$$5492, 48402, \begin{bmatrix} 1 & 1 & 220 \\ 1 & -1 & 0 \\ 110 & 110 & -1 \end{bmatrix}$$

$$5493, 39764, \begin{bmatrix} 2 & 282 \\ 141 & -1 \end{bmatrix}$$

$$5494, 5310, \begin{bmatrix} 1 & 13 & 19 \\ 22 & -9 & 5 \\ 4 & 7 & -5 \end{bmatrix}$$

$$5495, 4182, \begin{bmatrix} 3 & 4 & 37 \\ 11 & 1 & -1 \\ 1 & -10 & 1 \end{bmatrix}$$

$$5496, 105294, \begin{bmatrix} 1 & 1 & 1 & 2 & 50 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 50 & 50 & 50 & 100 & -7 \end{bmatrix}$$

$$5497, 2785, \begin{bmatrix} 9 & 52 \\ 52 & -9 \end{bmatrix}$$

$$5498, 160802, \begin{bmatrix} 1 & 401 \\ 401 & -1 \end{bmatrix}$$

$$5499, 5918, \begin{bmatrix} 2 & 2 & 6 & 15 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 15 & 15 & 45 & -22 \end{bmatrix}$$

$$5500, 1296, \begin{bmatrix} 1 & 1 & 3 & 3 & 3 & 5 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & 1 & 1 & -1 & 1 & -1 \\ 1 & 1 & -1 & -2 & -1 & 2 \\ 5 & 5 & -3 & 6 & -3 & -2 \end{bmatrix}$$

5501, 726, [726]

$$5502, 15675, \begin{bmatrix} 1 & 2 & 4 & 32 \\ 0 & 2 & -1 & 0 \\ 12 & 2 & 4 & -1 \\ 6 & -7 & -14 & 2 \end{bmatrix}$$

5503, 727, [727]

$$5504, 9744, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 14 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & 0 & -2 & 1 & 1 & 0 \\ 2 & 2 & 2 & 2 & 2 & 2 & 2 & -1 \\ 1 & 1 & 1 & -6 & 1 & 1 & 1 & 0 \end{bmatrix}$$

$$5505, 69446, \begin{bmatrix} 2 & 3 & 73 \\ 3 & -2 & 0 \\ 146 & 219 & -13 \end{bmatrix}$$

$$5506, 161605, \begin{bmatrix} 1 & 402 \\ 402 & -1 \end{bmatrix}$$

5507, 728, [728]

$$5508, 7236, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 2 & 7 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 \\ 1 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -2 & 0 & 1 & 0 \\ 1 & 1 & -1 & -1 & 2 & -1 & 0 \\ 7 & 7 & 14 & 14 & 14 & 14 & -18 \end{bmatrix}$$

$$5509, 9530, \begin{bmatrix} 4 & 138 \\ 69 & -2 \end{bmatrix}$$

$$5510, 696, \begin{bmatrix} 1 & 3 & 8 & 10 \\ 1 & -1 & -1 & 1 \\ 3 & 9 & -5 & 1 \\ 2 & 0 & 1 & -1 \end{bmatrix}$$

$$5511, 4650, \begin{bmatrix} 2 & 5 & 39 \\ 8 & -11 & 1 \\ 7 & 5 & -1 \end{bmatrix}$$

$$5512, 23010, \begin{bmatrix} 1 & 1 & 1 & 6 & 16 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -1 & 0 \\ 16 & 16 & 16 & 96 & -39 \end{bmatrix}$$

$$5513, 1369, \begin{bmatrix} 12 & 35 \\ 35 & -12 \end{bmatrix}$$

$$5514, 123270, \begin{bmatrix} 1 & 2 & 157 \\ 2 & -1 & 0 \\ 157 & 314 & -5 \end{bmatrix}$$

$$5515, 34234, \begin{bmatrix} 3 & 185 \\ 185 & -3 \end{bmatrix}$$

$$5516, 4086, \begin{bmatrix} 1 & 1 & 4 & 45 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 5 & 5 & 20 & -2 \end{bmatrix}$$

$$5517, 6276, \begin{bmatrix} 2 & 2 & 112 \\ 1 & -1 & 0 \\ 28 & 28 & -1 \end{bmatrix}$$

$$5518, 6282, \begin{bmatrix} 1 & 11 & 24 \\ 2 & 2 & -1 \\ 59 & -49 & 20 \end{bmatrix}$$

$$5519, 729, [729]$$

$$5520, 12348, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 3 & 9 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 1 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & 0 & 0 & 1 & 2 & -1 \\ 3 & 2 & -4 & 3 & -2 & 0 & 0 \\ 9 & -5 & 9 & 9 & 4 & -1 & -3 \end{bmatrix}$$

$$5521, 730, [730]$$

$$5522, 38246, \begin{bmatrix} 1 & 5 & 54 \\ 5 & -1 & 0 \\ 27 & 135 & -13 \end{bmatrix}$$

$$5523, 7890, \begin{bmatrix} 2 & 4 & 56 \\ 2 & -1 & 0 \\ 28 & 56 & -5 \end{bmatrix}$$

$$5524, 97686, \begin{bmatrix} 1 & 1 & 221 \\ 1 & -1 & 0 \\ 221 & 221 & -2 \end{bmatrix}$$

$$5525, 618, \begin{bmatrix} 3 & 3 & 6 & 7 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 7 & 7 & 14 & -18 \end{bmatrix}$$

$$5526, 7956, \begin{bmatrix} 1 & 2 & 2 & 63 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 7 & 14 & 14 & -1 \end{bmatrix}$$

5527, 731, [731]

$$5528, 93768, \begin{bmatrix} 1 & 1 & 1 & 125 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 125 & 125 & 125 & -3 \end{bmatrix}$$

$$5529, 6237, \begin{bmatrix} 2 & 8 & 25 \\ 17 & 2 & -2 \\ 2 & -13 & 4 \end{bmatrix}$$

$$5530, 4590, \begin{bmatrix} 1 & 3 & 4 & 22 \\ 1 & 1 & -1 & 0 \\ 10 & -4 & 6 & -1 \\ 1 & -7 & -6 & 2 \end{bmatrix}$$

5531, 732, [732]

$$5532, 47562, \begin{bmatrix} 1 & 1 & 2 & 89 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 89 & 89 & 178 & -6 \end{bmatrix}$$

$$5533, 9241, \begin{bmatrix} 5 & 96 \\ 96 & -5 \end{bmatrix}$$

$$5534, 162410, \begin{bmatrix} 1 & 403 \\ 403 & -1 \end{bmatrix}$$

$$5535, 7980, \begin{bmatrix} 2 & 2 & 2 & 3 & 13 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & 11 & -3 \\ 8 & 8 & 8 & -3 & -3 \end{bmatrix}$$

$$5536, 12840, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 40 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 8 & 8 & 8 & 8 & 8 & -1 \end{bmatrix}$$

$$5537, 932, \begin{bmatrix} 4 & 4 & 30 \\ 1 & -1 & 0 \\ 15 & 15 & -4 \end{bmatrix}$$

$$5538, 15435, \begin{bmatrix} 1 & 2 & 6 & 20 \\ 2 & -1 & 0 & 0 \\ 2 & 4 & 5 & -2 \\ 16 & 32 & -30 & 5 \end{bmatrix}$$

$$5539, 1949, \begin{bmatrix} 10 & 43 \\ 43 & -10 \end{bmatrix}$$

$$5540, 76824, \begin{bmatrix} 1 & 1 & 3 & 59 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 59 & 59 & 177 & -11 \end{bmatrix}$$

$$5541, 80093, \begin{bmatrix} 2 & 283 \\ 283 & -2 \end{bmatrix}$$

$$5542, 10458, \begin{bmatrix} 1 & 7 & 38 \\ 24 & 2 & -1 \\ 1 & -11 & 2 \end{bmatrix}$$

$$5543, 2890, \begin{bmatrix} 9 & 53 \\ 53 & -9 \end{bmatrix}$$

$$5544, 3744, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 4 & 5 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & 1 & -1 \\ 1 & 2 & 1 & 1 & 1 & -2 & 0 \\ 1 & 1 & 1 & -2 & -2 & 0 & 1 \\ 7 & -6 & 7 & 1 & 1 & 2 & -4 \end{bmatrix}$$

$$5545, 11535, \begin{bmatrix} 3 & 186 \\ 62 & -1 \end{bmatrix}$$

$$5546, 3090, \begin{bmatrix} 1 & 15 & 17 \\ 2 & 1 & -1 \\ 32 & -35 & 29 \end{bmatrix}$$

$$5547, 396, \begin{bmatrix} 2 & 14 & 14 \\ 0 & 1 & -1 \\ 14 & -1 & -1 \end{bmatrix}$$

$$5548, 11154, \begin{bmatrix} 1 & 1 & 8 & 21 \\ 1 & -1 & 0 & 0 \\ 4 & 4 & -1 & 0 \\ 7 & 7 & 56 & -22 \end{bmatrix}$$

$$5549, 1802, \begin{bmatrix} 11 & 41 \\ 41 & -11 \end{bmatrix}$$

$$5550, 15030, \begin{bmatrix} 1 & 2 & 3 & 3 & 12 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & -1 & 0 & 0 & 0 \\ 0 & 0 & 2 & 2 & -1 \\ 54 & 108 & -5 & -5 & -20 \end{bmatrix}$$

$$5551, 940, \begin{bmatrix} 4 & 6 & 18 \\ 0 & 3 & -1 \\ 15 & -1 & -3 \end{bmatrix}$$

$$5552, 38120, \begin{bmatrix} 1 & 1 & 1 & 1 & 69 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 69 & 69 & 69 & 69 & -4 \end{bmatrix}$$

$$5553, 25554, \begin{bmatrix} 2 & 2 & 113 \\ 1 & -1 & 0 \\ 113 & 113 & -4 \end{bmatrix}$$

$$5554, 163217, \begin{bmatrix} 1 & 404 \\ 404 & -1 \end{bmatrix}$$

$$5555, 7810, \begin{bmatrix} 3 & 5 & 26 \\ 9 & 5 & -2 \\ 14 & -24 & 3 \end{bmatrix}$$

$$5556, 8106, \begin{bmatrix} 1 & 1 & 2 & 90 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 15 & 15 & 30 & -1 \end{bmatrix}$$

$$5557, 733, [733]$$

$$5558, 103717, \begin{bmatrix} 1 & 4 & 78 \\ 4 & -1 & 0 \\ 78 & 312 & -17 \end{bmatrix}$$

$$5559, 11622, \begin{bmatrix} 2 & 7 & 29 \\ 4 & 3 & -1 \\ 47 & -59 & 11 \end{bmatrix}$$

$$5560, 14016, \begin{bmatrix} 1 & 1 & 1 & 3 & 34 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 17 & 17 & 17 & 51 & -6 \end{bmatrix}$$

$$5561, 890, \begin{bmatrix} 19 & 23 \\ 23 & -19 \end{bmatrix}$$

$$5562, 57876, \begin{bmatrix} 1 & 2 & 2 & 2 & 27 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 6 & -1 & -1 & -1 & 0 \\ 27 & 54 & 54 & 54 & -13 \end{bmatrix}$$

$$5563, 734, [734]$$

$$5564, 15618, \begin{bmatrix} 1 & 1 & 6 & 28 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -1 & 0 \\ 14 & 14 & 84 & -19 \end{bmatrix}$$

$$5565, 1710, \begin{bmatrix} 2 & 3 & 4 & 16 \\ 1 & -2 & 1 & 0 \\ 5 & -2 & -9 & 2 \\ 3 & 2 & 1 & -1 \end{bmatrix}$$

$$5566, 264, \begin{bmatrix} 1 & 5 & 5 & 9 \\ 0 & 1 & -1 & 0 \\ 7 & 2 & 2 & -3 \\ 1 & -1 & -1 & 1 \end{bmatrix}$$

$$5567, 1954, \begin{bmatrix} 8 & 62 \\ 31 & -4 \end{bmatrix}$$

$$5568, 2640, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 10 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & 2 & -1 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -3 & 0 \end{bmatrix}$$

$$5569, 735, [735]$$

$$5570, 52070, \begin{bmatrix} 1 & 3 & 102 \\ 3 & -1 & 0 \\ 51 & 153 & -5 \end{bmatrix}$$

$$5571, 13004, \begin{bmatrix} 2 & 2 & 114 \\ 1 & -1 & 0 \\ 57 & 57 & -2 \end{bmatrix}$$

$$5572, 19206, \begin{bmatrix} 1 & 1 & 4 & 46 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 23 & 23 & 92 & -9 \end{bmatrix}$$

$$5573, 736, [736]$$

$$5574, 124845, \begin{bmatrix} 1 & 2 & 158 \\ 2 & -1 & 0 \\ 158 & 316 & -5 \end{bmatrix}$$

$$5575, 774, \begin{bmatrix} 3 & 3 & 48 \\ 1 & -1 & 0 \\ 8 & 8 & -1 \end{bmatrix}$$

$$5576, 5304, \begin{bmatrix} 1 & 1 & 1 & 7 & 13 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & 7 & -4 \\ 7 & 7 & 7 & -3 & 0 \end{bmatrix}$$

$$5577, 1414, \begin{bmatrix} 2 & 5 & 6 & 6 \\ 0 & 0 & 1 & -1 \\ 1 & 2 & -1 & -1 \\ 34 & -16 & 1 & 1 \end{bmatrix}$$

$$5578, 164026, \begin{bmatrix} 1 & 405 \\ 405 & -1 \end{bmatrix}$$

$$5579, 19337, \begin{bmatrix} 4 & 139 \\ 139 & -4 \end{bmatrix}$$

$$5580, 2240, \begin{bmatrix} 1 & 1 & 2 & 2 & 3 & 11 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 \\ 2 & 2 & -3 & -3 & -1 & 1 \\ 3 & 3 & 1 & 1 & 4 & -2 \end{bmatrix}$$

$$5581, 737, [737]$$

$$5582, 164837, \begin{bmatrix} 1 & 406 \\ 406 & -1 \end{bmatrix}$$

$$5583, 40330, \begin{bmatrix} 2 & 284 \\ 142 & -1 \end{bmatrix}$$

$$5584, 19616, \begin{bmatrix} 1 & 1 & 1 & 1 & 70 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 35 & 35 & 35 & 35 & -2 \end{bmatrix}$$

$$5585, 34978, \begin{bmatrix} 3 & 187 \\ 187 & -3 \end{bmatrix}$$

$$5586, 3030, \begin{bmatrix} 1 & 2 & 4 & 4 & 8 \\ 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 1 & 1 & -1 \\ 2 & -1 & 0 & 0 & 0 \\ 24 & 48 & -5 & -5 & -10 \end{bmatrix}$$

$$5587, 120, \begin{bmatrix} 12 & 36 \\ 3 & -1 \end{bmatrix}$$

$$5588, 21736, \begin{bmatrix} 1 & 1 & 5 & 31 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & 5 & -1 \\ 40 & 40 & -47 & 5 \end{bmatrix}$$

$$5589, 4040, \begin{bmatrix} 2 & 2 & 2 & 2 & 2 & 9 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 9 & 9 & 9 & 9 & 9 & -10 \end{bmatrix}$$

$$5590, 2662, \begin{bmatrix} 1 & 3 & 6 & 14 \\ 3 & 1 & -1 & 0 \\ 4 & -10 & 2 & 1 \\ 1 & 1 & 4 & -2 \end{bmatrix}$$

$$5591, 738, [738]$$

$$5592, 109536, \begin{bmatrix} 1 & 1 & 1 & 2 & 51 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 51 & 51 & 51 & 102 & -7 \end{bmatrix}$$

$$5593, 870, \begin{bmatrix} 4 & 7 & 15 \\ 2 & 1 & -1 \\ 11 & -17 & 5 \end{bmatrix}$$

$$5594, 165650, \begin{bmatrix} 1 & 407 \\ 407 & -1 \end{bmatrix}$$

$$5595, 71357, \begin{bmatrix} 2 & 3 & 74 \\ 3 & -2 & 0 \\ 148 & 222 & -13 \end{bmatrix}$$

$$5596, 49286, \begin{bmatrix} 1 & 1 & 222 \\ 1 & -1 & 0 \\ 111 & 111 & -1 \end{bmatrix}$$

$$5597, 1018, \begin{bmatrix} 10 & 44 \\ 22 & -5 \end{bmatrix}$$

$$5598, 73890, \begin{bmatrix} 1 & 2 & 2 & 64 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 64 & 128 & 128 & -9 \end{bmatrix}$$

$$5599, 9434, \begin{bmatrix} 5 & 97 \\ 97 & -5 \end{bmatrix}$$

$$5600, 9360, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 3 & 3 & 4 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 1 & 0 & -1 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 2 & 1 & 1 & -2 & 0 & 0 \\ 2 & 2 & -3 & 2 & 2 & 1 & 0 & -2 \\ 1 & 1 & 1 & 1 & 1 & 3 & -10 & 4 \end{bmatrix}$$

$$5601, 81229, \begin{bmatrix} 2 & 285 \\ 285 & -2 \end{bmatrix}$$

$$5602, 166465, \begin{bmatrix} 1 & 408 \\ 408 & -1 \end{bmatrix}$$

$$5603, 6925, \begin{bmatrix} 6 & 83 \\ 83 & -6 \end{bmatrix}$$

$$5604, 49722, \begin{bmatrix} 1 & 1 & 2 & 91 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 91 & 91 & 182 & -6 \end{bmatrix}$$

$$5605, 3982, \begin{bmatrix} 3 & 8 & 17 \\ 3 & 1 & -1 \\ 25 & -54 & 21 \end{bmatrix}$$

$$5606, 167282, \begin{bmatrix} 1 & 409 \\ 409 & -1 \end{bmatrix}$$

$$5607, 300, \begin{bmatrix} 2 & 2 & 4 & 24 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 2 & 2 & 4 & -1 \end{bmatrix}$$

$$5608, 31758, \begin{bmatrix} 1 & 1 & 1 & 126 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 42 & 42 & 42 & -1 \end{bmatrix}$$

$$5609, 442, \begin{bmatrix} 20 & 22 \\ 11 & -10 \end{bmatrix}$$

$$5610, 1056, \begin{bmatrix} 1 & 2 & 3 & 5 & 7 \\ 0 & 1 & 1 & -1 & 0 \\ 1 & 0 & -1 & -1 & 1 \\ 1 & 2 & -1 & 1 & -1 \\ 9 & -4 & 5 & 1 & -3 \end{bmatrix}$$

$$5611, 1885, \begin{bmatrix} 11 & 42 \\ 42 & -11 \end{bmatrix}$$

$$5612, 4070, \begin{bmatrix} 1 & 1 & 9 & 18 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 2 & -1 \\ 45 & 45 & -2 & -4 \end{bmatrix}$$

$$5613, 40900, \begin{bmatrix} 2 & 286 \\ 143 & -1 \end{bmatrix}$$

$$5614, 106386, \begin{bmatrix} 1 & 4 & 79 \\ 4 & -1 & 0 \\ 79 & 316 & -17 \end{bmatrix}$$

$$5615, 35353, \begin{bmatrix} 3 & 188 \\ 188 & -3 \end{bmatrix}$$

$$5616, 2496, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 2 & 6 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 1 & 1 & -1 \\ 0 & 0 & 0 & 0 & 1 & -2 & 1 & 0 \\ 6 & 6 & 6 & 6 & -1 & -1 & -1 & -3 \end{bmatrix}$$

$$5617, 1258, \begin{bmatrix} 13 & 33 \\ 33 & -13 \end{bmatrix}$$

$$5618, 1026, \begin{bmatrix} 1 & 16 & 16 \\ 0 & 1 & -1 \\ 32 & -1 & -1 \end{bmatrix}$$

$$5619, 82373, \begin{bmatrix} 2 & 287 \\ 287 & -2 \end{bmatrix}$$

$$5620, 79442, \begin{bmatrix} 1 & 1 & 3 & 60 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 60 & 60 & 180 & -11 \end{bmatrix}$$

$$5621, 4338, \begin{bmatrix} 4 & 5 & 21 \\ 4 & 1 & -1 \\ 13 & -44 & 8 \end{bmatrix}$$

$$5622, 126430, \begin{bmatrix} 1 & 2 & 159 \\ 2 & -1 & 0 \\ 159 & 318 & -5 \end{bmatrix}$$

$$5623, 739, [739]$$

$$5624, 16458, \begin{bmatrix} 1 & 1 & 1 & 8 & 12 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 0 & 0 & 0 & 3 & -2 \\ 52 & 52 & 52 & -6 & -9 \end{bmatrix}$$

$$5625, 176, \begin{bmatrix} 2 & 2 & 3 & 3 & 3 & 3 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 1 & -1 & -1 & 1 \\ 3 & 3 & -1 & -1 & -1 & -1 \end{bmatrix}$$

$$5626, 3630, \begin{bmatrix} 1 & 10 & 25 \\ 10 & -21 & 8 \\ 5 & 2 & -1 \end{bmatrix}$$

$$5627, 4538, \begin{bmatrix} 7 & 67 \\ 67 & -7 \end{bmatrix}$$

$$5628, 25278, \begin{bmatrix} 1 & 1 & 2 & 4 & 19 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 2 & 2 & 4 & -3 & 0 \\ 19 & 19 & 38 & 76 & -22 \end{bmatrix}$$

$$5629, 1182, \begin{bmatrix} 6 & 84 \\ 14 & -1 \end{bmatrix}$$

$$5630, 106190, \begin{bmatrix} 1 & 3 & 103 \\ 3 & -1 & 0 \\ 103 & 309 & -10 \end{bmatrix}$$

$$5631, 41474, \begin{bmatrix} 2 & 288 \\ 144 & -1 \end{bmatrix}$$

$$5632, 17408, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 5 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & -1 & 0 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -1 & -1 & 0 & -1 & -1 & 1 & 1 & 0 \\ 1 & 1 & 1 & 1 & 2 & 1 & 1 & 1 & 1 & -2 \\ 3 & 3 & 3 & 3 & -14 & 3 & 3 & 3 & 3 & -2 \end{bmatrix}$$

$$5633, 610, \begin{bmatrix} 14 & 32 \\ 16 & -7 \end{bmatrix}$$

$$5634, 76212, \begin{bmatrix} 1 & 2 & 2 & 65 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 65 & 130 & 130 & -9 \end{bmatrix}$$

$$5635, 1220, \begin{bmatrix} 3 & 4 & 4 & 9 \\ 0 & 1 & -1 & 0 \\ 3 & 0 & 0 & -1 \\ 4 & -15 & -15 & 12 \end{bmatrix}$$

$$5636, 99462, \begin{bmatrix} 1 & 1 & 223 \\ 1 & -1 & 0 \\ 223 & 223 & -2 \end{bmatrix}$$

$$5637, 83525, \begin{bmatrix} 2 & 289 \\ 289 & -2 \end{bmatrix}$$

$$5638, 168101, \begin{bmatrix} 1 & 410 \\ 410 & -1 \end{bmatrix}$$

5639, 740, [740]

$$5640, 30848, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 15 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 & 0 \\ 1 & -1 & 1 & -2 & 1 & 0 \\ 1 & -3 & 1 & 2 & -1 & 0 \\ 15 & 15 & 15 & 30 & 45 & -16 \end{bmatrix}$$

5641, 741, [741]

$$5642, 1566, \begin{bmatrix} 1 & 4 & 6 & 11 \\ 1 & 0 & -2 & 1 \\ 10 & 11 & 2 & -6 \\ 2 & -2 & 1 & 0 \end{bmatrix}$$

$$5643, 6464, \begin{bmatrix} 2 & 2 & 2 & 5 & 8 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 1 & -2 & 1 \\ 1 & -3 & 1 & 2 & -1 \\ 21 & 21 & 21 & 2 & -17 \end{bmatrix}$$

$$5644, 3480, \begin{bmatrix} 1 & 1 & 7 & 23 \\ 1 & -1 & 0 & 0 \\ 19 & 19 & -12 & 2 \\ 1 & 1 & 3 & -1 \end{bmatrix}$$

$$5645, 11910, \begin{bmatrix} 3 & 189 \\ 63 & -1 \end{bmatrix}$$

$$5646, 25605, \begin{bmatrix} 1 & 2 & 160 \\ 2 & -1 & 0 \\ 32 & 64 & -1 \end{bmatrix}$$

5647, 742, [742]

$$5648, 40360, \begin{bmatrix} 1 & 1 & 1 & 1 & 71 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 71 & 71 & 71 & 71 & -4 \end{bmatrix}$$

$$5649, 16345, \begin{bmatrix} 2 & 4 & 57 \\ 2 & -1 & 0 \\ 57 & 114 & -10 \end{bmatrix}$$

$$5650, 34922, \begin{bmatrix} 1 & 3 & 3 & 30 \\ 0 & 1 & -1 & 0 \\ 6 & -1 & -1 & 0 \\ 30 & 90 & 90 & -19 \end{bmatrix}$$

5651, 743, [743]

$$5652, 27580, \begin{bmatrix} 1 & 1 & 2 & 2 & 37 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 37 & 37 & 74 & 74 & -10 \end{bmatrix}$$

5653, 744, [744]

$$5654, 79326, \begin{bmatrix} 1 & 5 & 55 \\ 5 & -1 & 0 \\ 55 & 275 & -26 \end{bmatrix}$$

$$5655, 6258, \begin{bmatrix} 2 & 3 & 6 & 10 \\ 2 & 0 & 1 & -1 \\ 1 & -2 & -1 & 1 \\ 32 & 48 & -53 & 11 \end{bmatrix}$$

$$5656, 79230, \begin{bmatrix} 1 & 1 & 1 & 4 & 26 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 4 & 4 & 4 & -3 & 0 \\ 26 & 26 & 26 & 104 & -19 \end{bmatrix}$$

5657, 745, [745]

$$5658, 2550, \begin{bmatrix} 1 & 2 & 9 & 13 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -2 & 1 \\ 7 & 14 & 12 & -11 \end{bmatrix}$$

5659, 746, [746]

$$5660, 82104, \begin{bmatrix} 1 & 1 & 3 & 61 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 61 & 61 & 183 & -11 \end{bmatrix}$$

$$5661, 4422, \begin{bmatrix} 2 & 2 & 7 & 12 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 4 & -3 \\ 23 & 23 & -20 & 4 \end{bmatrix}$$

$$5662, 16770, \begin{bmatrix} 1 & 8 & 35 \\ 8 & -1 & 0 \\ 7 & 56 & -13 \end{bmatrix}$$

$$5663, 4904, \begin{bmatrix} 4 & 140 \\ 35 & -1 \end{bmatrix}$$

$$5664, 32184, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 17 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 \\ 17 & 17 & 17 & 17 & 17 & 34 & -9 \end{bmatrix}$$

$$5665, 19838, \begin{bmatrix} 3 & 5 & 27 \\ 13 & 3 & -2 \\ 13 & -51 & 8 \end{bmatrix}$$

$$5666, 168922, \begin{bmatrix} 1 & 411 \\ 411 & -1 \end{bmatrix}$$

$$5667, 42052, \begin{bmatrix} 2 & 290 \\ 145 & -1 \end{bmatrix}$$

$$5668, 33402, \begin{bmatrix} 1 & 1 & 6 & 29 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -1 & 0 \\ 29 & 29 & 174 & -38 \end{bmatrix}$$

$$5669, 747, [747]$$

$$5670, 2268, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 3 & 4 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & 0 & 0 & -1 & 0 \\ 1 & 0 & 0 & 0 & 0 & 1 & -1 \\ 0 & 1 & 0 & -2 & 1 & 0 & 0 \\ 1 & 1 & -2 & 1 & 1 & -1 & 0 \\ 5 & -4 & -4 & -4 & -4 & 1 & 6 \end{bmatrix}$$

$$5671, 260, \begin{bmatrix} 16 & 28 \\ 7 & -4 \end{bmatrix}$$

$$5672, 96792, \begin{bmatrix} 1 & 1 & 1 & 127 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 127 & 127 & 127 & -3 \end{bmatrix}$$

$$5673, 4041, \begin{bmatrix} 2 & 11 & 18 \\ 2 & -2 & 1 \\ 47 & 34 & -26 \end{bmatrix}$$

$$5674, 169745, \begin{bmatrix} 1 & 412 \\ 412 & -1 \end{bmatrix}$$

$$5675, 4838, \begin{bmatrix} 3 & 3 & 49 \\ 1 & -1 & 0 \\ 49 & 49 & -6 \end{bmatrix}$$

$$5676, 31326, \begin{bmatrix} 1 & 1 & 2 & 5 & 14 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 2 & 2 & 4 & 6 & -3 \\ 33 & 33 & 66 & -62 & 8 \end{bmatrix}$$

$$5677, 19897, \begin{bmatrix} 4 & 141 \\ 141 & -4 \end{bmatrix}$$

$$5678, 65982, \begin{bmatrix} 1 & 7 & 39 \\ 4 & 5 & -1 \\ 202 & -157 & 23 \end{bmatrix}$$

$$5679, 26466, \begin{bmatrix} 2 & 2 & 115 \\ 1 & -1 & 0 \\ 115 & 115 & -4 \end{bmatrix}$$

$$5680, 42952, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 20 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 3 & 3 & 3 & 3 & -4 & 0 \\ 20 & 20 & 20 & 20 & 60 & -13 \end{bmatrix}$$

$$5681, 2353, \begin{bmatrix} 6 & 8 & 9 \\ 3 & 0 & -2 \\ 16 & -39 & 24 \end{bmatrix}$$

$$5682, 129630, \begin{bmatrix} 1 & 2 & 161 \\ 2 & -1 & 0 \\ 161 & 322 & -5 \end{bmatrix}$$

$$5683, 748, [748]$$

$$5684, 1340, \begin{bmatrix} 1 & 1 & 4 & 4 & 10 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & 1 & -1 \\ 14 & 14 & -11 & -11 & 6 \end{bmatrix}$$

$$5685, 73294, \begin{bmatrix} 2 & 3 & 75 \\ 3 & -2 & 0 \\ 150 & 225 & -13 \end{bmatrix}$$

$$5686, 170570, \begin{bmatrix} 1 & 413 \\ 413 & -1 \end{bmatrix}$$

$$5687, 110, \begin{bmatrix} 5 & 5 & 15 \\ 1 & -1 & 0 \\ 3 & 3 & -2 \end{bmatrix}$$

$$5688, 5940, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 22 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 2 & 2 & 2 & 4 & 4 & -1 \\ 4 & 4 & 4 & -3 & -3 & 0 \end{bmatrix}$$

$$5689, 749, [749]$$

$$5690, 54130, \begin{bmatrix} 1 & 3 & 104 \\ 3 & -1 & 0 \\ 52 & 156 & -5 \end{bmatrix}$$

$$5691, 8460, \begin{bmatrix} 2 & 4 & 58 \\ 2 & -1 & 0 \\ 29 & 58 & -5 \end{bmatrix}$$

$$5692, 50178, \begin{bmatrix} 1 & 1 & 224 \\ 1 & -1 & 0 \\ 112 & 112 & -1 \end{bmatrix}$$

$$5693, 750, [750]$$

$$5694, 28920, \begin{bmatrix} 1 & 2 & 6 & 21 \\ 0 & 3 & -1 & 0 \\ 1 & 1 & 3 & -1 \\ 115 & -11 & -33 & 5 \end{bmatrix}$$

$$5695, 7542, \begin{bmatrix} 3 & 7 & 19 \\ 4 & 1 & -1 \\ 26 & -79 & 25 \end{bmatrix}$$

$$5696, 4656, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 24 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 \\ 4 & 4 & 4 & 4 & 4 & 4 & -1 \end{bmatrix}$$

$$5697, 13326, \begin{bmatrix} 2 & 2 & 2 & 47 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 47 & 47 & 47 & -6 \end{bmatrix}$$

$$5698, 1302, \begin{bmatrix} 1 & 4 & 5 & 12 \\ 1 & 1 & -1 & 0 \\ 3 & -2 & 1 & 0 \\ 2 & 8 & 10 & -7 \end{bmatrix}$$

$$5699, 1325, \begin{bmatrix} 13 & 34 \\ 34 & -13 \end{bmatrix}$$

$$5700, 528, \begin{bmatrix} 1 & 1 & 2 & 3 & 3 & 8 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 2 & -1 & -1 & 0 \\ 1 & 1 & 2 & 3 & 3 & -3 \end{bmatrix}$$

$$5701, 751, [751]$$

$$5702, 171397, \begin{bmatrix} 1 & 414 \\ 414 & -1 \end{bmatrix}$$

$$5703, 84685, \begin{bmatrix} 2 & 291 \\ 291 & -2 \end{bmatrix}$$

$$5704, 1640, \begin{bmatrix} 1 & 1 & 1 & 9 & 11 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 0 & 1 & 1 & -1 \\ 1 & -4 & 1 & -1 & 1 \\ 4 & 4 & 4 & -5 & 3 \end{bmatrix}$$

$$5705, 36725, \begin{bmatrix} 3 & 4 & 38 \\ 4 & -3 & 0 \\ 114 & 152 & -25 \end{bmatrix}$$

$$5706, 26190, \begin{bmatrix} 1 & 2 & 2 & 66 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 22 & 44 & 44 & -3 \end{bmatrix}$$

$$5707, 7261, \begin{bmatrix} 6 & 85 \\ 85 & -6 \end{bmatrix}$$

$$5708, 101254, \begin{bmatrix} 1 & 1 & 225 \\ 1 & -1 & 0 \\ 225 & 225 & -2 \end{bmatrix}$$

$$5709, 22806, \begin{bmatrix} 2 & 5 & 40 \\ 5 & -10 & 1 \\ 45 & 22 & -5 \end{bmatrix}$$

$$5710, 22070, \begin{bmatrix} 1 & 3 & 105 \\ 3 & -1 & 0 \\ 21 & 63 & -2 \end{bmatrix}$$

5711, 752, [752]

$$5712, 14016, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 4 & 7 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 & 0 \\ 1 & 1 & 1 & 1 & 2 & -2 & 0 \\ 7 & 7 & 7 & 7 & 14 & 28 & -24 \end{bmatrix}$$

$$5713, 425, \begin{bmatrix} 10 & 45 \\ 9 & -2 \end{bmatrix}$$

$$5714, 172226, \begin{bmatrix} 1 & 415 \\ 415 & -1 \end{bmatrix}$$

$$5715, 27384, \begin{bmatrix} 2 & 2 & 3 & 31 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & 9 & -1 \\ 47 & 47 & -11 & -5 \end{bmatrix}$$

$$5716, 51078, \begin{bmatrix} 1 & 1 & 226 \\ 1 & -1 & 0 \\ 113 & 113 & -1 \end{bmatrix}$$

$$5717, 753, [753]$$

$$5718, 131245, \begin{bmatrix} 1 & 2 & 162 \\ 2 & -1 & 0 \\ 162 & 324 & -5 \end{bmatrix}$$

$$5719, 690, \begin{bmatrix} 4 & 8 & 14 \\ 2 & -1 & 0 \\ 7 & 14 & -10 \end{bmatrix}$$

$$5720, 14016, \begin{bmatrix} 1 & 1 & 1 & 3 & 5 & 6 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 3 & 0 & -2 \\ 5 & 5 & 5 & 15 & -48 & 30 \end{bmatrix}$$

$$5721, 42634, \begin{bmatrix} 2 & 292 \\ 146 & -1 \end{bmatrix}$$

$$5722, 173057, \begin{bmatrix} 1 & 416 \\ 416 & -1 \end{bmatrix}$$

$$5723, 914, \begin{bmatrix} 17 & 25 \\ 25 & -17 \end{bmatrix}$$

$$5724, 3240, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 16 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 \\ 0 & 0 & 1 & -2 & 1 & 0 \\ 1 & 1 & -3 & -3 & -3 & 1 \\ 5 & 5 & 1 & 1 & 1 & -1 \end{bmatrix}$$

$$5725, 2518, \begin{bmatrix} 3 & 3 & 50 \\ 1 & -1 & 0 \\ 25 & 25 & -3 \end{bmatrix}$$

$$5726, 89838, \begin{bmatrix} 1 & 4 & 80 \\ 12 & 17 & -1 \\ 44 & -31 & 1 \end{bmatrix}$$

$$5727, 4298, \begin{bmatrix} 2 & 9 & 23 \\ 2 & -3 & 1 \\ 39 & 22 & -12 \end{bmatrix}$$

$$5728, 67440, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 41 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 41 & 41 & 41 & 41 & 41 & -5 \end{bmatrix}$$

$$5729, 4673, \begin{bmatrix} 7 & 68 \\ 68 & -7 \end{bmatrix}$$

$$5730, 78246, \begin{bmatrix} 1 & 2 & 3 & 43 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 43 & 86 & 129 & -14 \end{bmatrix}$$

$$5731, 9629, \begin{bmatrix} 5 & 98 \\ 98 & -5 \end{bmatrix}$$

$$5732, 103062, \begin{bmatrix} 1 & 1 & 227 \\ 1 & -1 & 0 \\ 227 & 227 & -2 \end{bmatrix}$$

$$5733, 608, \begin{bmatrix} 2 & 2 & 4 & 4 & 6 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 1 & 1 & 1 & 1 & -2 \\ 7 & 7 & -5 & -5 & 2 \end{bmatrix}$$

$$5734, 550, \begin{bmatrix} 1 & 15 & 18 \\ 3 & -5 & 4 \\ 3 & 1 & -1 \end{bmatrix}$$

$$5735, 3014, \begin{bmatrix} 3 & 11 & 12 \\ 3 & -3 & 2 \\ 29 & 15 & -21 \end{bmatrix}$$

$$5736, 113862, \begin{bmatrix} 1 & 1 & 1 & 2 & 52 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 52 & 52 & 52 & 104 & -7 \end{bmatrix}$$

5737, 754, [754]

$$5738, 44913, \begin{bmatrix} 1 & 8 & 36 \\ 4 & 4 & -1 \\ 152 & -145 & 28 \end{bmatrix}$$

$$5739, 85853, \begin{bmatrix} 2 & 293 \\ 293 & -2 \end{bmatrix}$$

$$5740, 7840, \begin{bmatrix} 1 & 1 & 3 & 4 & 13 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 2 & -1 \\ 1 & 1 & 2 & -2 & 0 \\ 23 & 23 & -29 & -6 & 5 \end{bmatrix}$$

5741, 755, [755]

$$5742, 4288, \begin{bmatrix} 1 & 2 & 2 & 5 & 10 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & 1 & 1 & 3 & -2 \\ 27 & -13 & -13 & 1 & 2 \end{bmatrix}$$

5743, 756, [756]

$$5744, 10376, \begin{bmatrix} 1 & 1 & 1 & 1 & 72 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 18 & 18 & 18 & 18 & -1 \end{bmatrix}$$

$$5745, 75257, \begin{bmatrix} 2 & 3 & 76 \\ 3 & -2 & 0 \\ 152 & 228 & -13 \end{bmatrix}$$

$$5746, 1220, \begin{bmatrix} 1 & 6 & 6 & 7 \\ 0 & 1 & -1 & 0 \\ 2 & 1 & 1 & -2 \\ 19 & -8 & -8 & 11 \end{bmatrix}$$

$$5747, 10090, \begin{bmatrix} 4 & 142 \\ 71 & -2 \end{bmatrix}$$

$$5748, 25410, \begin{bmatrix} 1 & 1 & 2 & 92 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 46 & 46 & 92 & -3 \end{bmatrix}$$

5749, 757, [757]

$$5750, 2616, \begin{bmatrix} 1 & 3 & 3 & 3 & 9 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & 1 & 1 & -1 \\ 0 & 1 & -2 & 1 & 0 \\ 36 & -1 & -1 & -1 & -3 \end{bmatrix}$$

$$5751, 832, \begin{bmatrix} 2 & 2 & 2 & 2 & 20 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 5 & 5 & 5 & 5 & -2 \end{bmatrix}$$

$$5752, 98322, \begin{bmatrix} 1 & 1 & 1 & 128 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 128 & 128 & 128 & -3 \end{bmatrix}$$

$$5753, 9826, \begin{bmatrix} 5 & 99 \\ 99 & -5 \end{bmatrix}$$

$$5754, 13320, \begin{bmatrix} 1 & 2 & 4 & 33 \\ 2 & 1 & -1 & 0 \\ 9 & -19 & -1 & 1 \\ 3 & 1 & 7 & -1 \end{bmatrix}$$

$$5755, 36109, \begin{bmatrix} 3 & 190 \\ 190 & -3 \end{bmatrix}$$

$$5756, 51986, \begin{bmatrix} 1 & 1 & 228 \\ 1 & -1 & 0 \\ 114 & 114 & -1 \end{bmatrix}$$

$$5757, 1860, \begin{bmatrix} 2 & 8 & 26 \\ 5 & -11 & 3 \\ 5 & 2 & -1 \end{bmatrix}$$

$$5758, 173890, \begin{bmatrix} 1 & 417 \\ 417 & -1 \end{bmatrix}$$

$$5759, 3716, \begin{bmatrix} 6 & 86 \\ 43 & -3 \end{bmatrix}$$

$$5760, 1536, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 2 & 2 & 3 \\ 1 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & 0 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & 0 & 0 & 0 & -1 & 1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 1 & 1 & 0 & 0 & 0 & 0 & -1 \\ 0 & 0 & 0 & 1 & 0 & 0 & 0 & -1 & -1 & 1 \\ 1 & 1 & -1 & 1 & -1 & 1 & 1 & 0 & 0 & -1 \\ 1 & 1 & 1 & -2 & 1 & 1 & 1 & -1 & -1 & 0 \end{bmatrix}$$

$$5761, 20465, \begin{bmatrix} 4 & 143 \\ 143 & -4 \end{bmatrix}$$

$$5762, 5022, \begin{bmatrix} 1 & 14 & 19 \\ 11 & -32 & 23 \\ 5 & 1 & -1 \end{bmatrix}$$

$$5763, 17154, \begin{bmatrix} 2 & 7 & 30 \\ 1 & 4 & -1 \\ 127 & -32 & -1 \end{bmatrix}$$

$$5764, 56754, \begin{bmatrix} 1 & 1 & 5 & 32 \\ 1 & -1 & 0 & 0 \\ 5 & 5 & -2 & 0 \\ 32 & 32 & 160 & -27 \end{bmatrix}$$

$$5765, 36490, \begin{bmatrix} 3 & 191 \\ 191 & -3 \end{bmatrix}$$

$$5766, 2470, \begin{bmatrix} 1 & 2 & 11 & 11 \\ 0 & 0 & 1 & -1 \\ 2 & -1 & 0 & 0 \\ 22 & 44 & -5 & -5 \end{bmatrix}$$

$$5767, 925, \begin{bmatrix} 21 & 22 \\ 22 & -21 \end{bmatrix}$$

$$5768, 22440, \begin{bmatrix} 1 & 1 & 1 & 4 & 27 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 5 & 5 & 5 & 3 & -1 \\ 5 & 5 & 5 & -24 & 3 \end{bmatrix}$$

$$5769, 6732, \begin{bmatrix} 2 & 2 & 116 \\ 1 & -1 & 0 \\ 29 & 29 & -1 \end{bmatrix}$$

$$5770, 56230, \begin{bmatrix} 1 & 3 & 106 \\ 3 & -1 & 0 \\ 53 & 159 & -5 \end{bmatrix}$$

$$5771, 1108, \begin{bmatrix} 10 & 46 \\ 23 & -5 \end{bmatrix}$$

$$5772, 930, \begin{bmatrix} 1 & 1 & 2 & 6 & 12 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 2 & -1 \\ 5 & 5 & 10 & -1 & -2 \end{bmatrix}$$

$$5773, 333, \begin{bmatrix} 9 & 54 \\ 6 & -1 \end{bmatrix}$$

$$5774, 174725, \begin{bmatrix} 1 & 418 \\ 418 & -1 \end{bmatrix}$$

$$5775, 882, \begin{bmatrix} 2 & 3 & 3 & 4 & 5 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & -2 & 0 \\ 0 & 1 & 1 & 1 & -2 \\ 10 & -3 & -3 & 2 & -2 \end{bmatrix}$$

$$5776, 528, \begin{bmatrix} 1 & 1 & 1 & 1 & 8 & 8 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 4 & 4 & 4 & 4 & -1 & -1 \end{bmatrix}$$

$$5777, 1097, \begin{bmatrix} 16 & 29 \\ 29 & -16 \end{bmatrix}$$

$$5778, 62166, \begin{bmatrix} 1 & 2 & 2 & 2 & 28 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 6 & -1 & -1 & -1 & 0 \\ 28 & 56 & 56 & 56 & -13 \end{bmatrix}$$

$$5779, 758, [758]$$

$$5780, 4360, \begin{bmatrix} 1 & 1 & 3 & 7 & 7 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 \\ 1 & 1 & 4 & -1 & -1 \\ 31 & 31 & -16 & -1 & -1 \end{bmatrix}$$

$$5781, 1194, \begin{bmatrix} 2 & 13 & 15 \\ 28 & -17 & 11 \\ 1 & 1 & -1 \end{bmatrix}$$

$$5782, 3220, \begin{bmatrix} 1 & 4 & 4 & 17 \\ 0 & 1 & -1 & 0 \\ 1 & 2 & 2 & -1 \\ 38 & -9 & -9 & 2 \end{bmatrix}$$

$$5783, 759, [759]$$

$$5784, 118272, \begin{bmatrix} 1 & 1 & 1 & 2 & 53 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 53 & 53 & 53 & 106 & -7 \end{bmatrix}$$

$$5785, 1035, \begin{bmatrix} 3 & 6 & 24 \\ 2 & -1 & 0 \\ 8 & 16 & -5 \end{bmatrix}$$

$$5786, 41106, \begin{bmatrix} 1 & 5 & 56 \\ 5 & -1 & 0 \\ 28 & 140 & -13 \end{bmatrix}$$

$$5787, 27394, \begin{bmatrix} 2 & 2 & 117 \\ 1 & -1 & 0 \\ 117 & 117 & -4 \end{bmatrix}$$

$$5788, 104886, \begin{bmatrix} 1 & 1 & 229 \\ 1 & -1 & 0 \\ 229 & 229 & -2 \end{bmatrix}$$

$$5789, 5188, \begin{bmatrix} 4 & 144 \\ 36 & -1 \end{bmatrix}$$

$$5790, 39000, \begin{bmatrix} 1 & 2 & 3 & 44 \\ 3 & 0 & -1 & 0 \\ 5 & -3 & 15 & -1 \\ 1 & 17 & 3 & -1 \end{bmatrix}$$

5791, 760, [760]

$$5792, 70760, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 42 \\ 1 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 \\ 42 & 42 & 42 & 42 & 42 & -5 \end{bmatrix}$$

$$5793, 43220, \begin{bmatrix} 2 & 294 \\ 147 & -1 \end{bmatrix}$$

$$5794, 175562, \begin{bmatrix} 1 & 419 \\ 419 & -1 \end{bmatrix}$$

$$5795, 5558, \begin{bmatrix} 3 & 8 & 18 \\ 2 & -3 & 1 \\ 62 & 33 & -25 \end{bmatrix}$$

$$5796, 16692, \begin{bmatrix} 1 & 1 & 2 & 2 & 4 & 9 \\ 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & 1 & -1 & 0 \\ 6 & 6 & -1 & -1 & -2 & 0 \\ 9 & 9 & 18 & 18 & 36 & -26 \end{bmatrix}$$

$$5797, 390, \begin{bmatrix} 5 & 7 & 11 \\ 5 & -2 & -1 \\ 1 & 4 & -3 \end{bmatrix}$$

$$5798, 86617, \begin{bmatrix} 1 & 6 & 48 \\ 6 & -1 & 0 \\ 48 & 288 & -37 \end{bmatrix}$$

$$5799, 87029, \begin{bmatrix} 2 & 295 \\ 295 & -2 \end{bmatrix}$$

$$5800, 10164, \begin{bmatrix} 1 & 1 & 1 & 3 & 3 & 10 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 & 0 \\ 2 & 2 & 2 & -1 & -1 & 0 \\ 10 & 10 & 10 & 30 & 30 & -21 \end{bmatrix}$$

$$5801, 761, [761]$$

$$5802, 132870, \begin{bmatrix} 1 & 2 & 163 \\ 2 & -1 & 0 \\ 163 & 326 & -5 \end{bmatrix}$$

$$5803, 21041, \begin{bmatrix} 4 & 145 \\ 145 & -4 \end{bmatrix}$$

$$5804, 52902, \begin{bmatrix} 1 & 1 & 230 \\ 1 & -1 & 0 \\ 115 & 115 & -1 \end{bmatrix}$$

$$5805, 1302, \begin{bmatrix} 2 & 2 & 2 & 3 & 14 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 1 & 1 & 1 & -2 & 0 \\ 4 & 4 & 4 & 6 & -3 \end{bmatrix}$$

$$5806, 176401, \begin{bmatrix} 1 & 420 \\ 420 & -1 \end{bmatrix}$$

$$5807, 762, [762]$$

$$5808, 1856, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 5 & 5 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & 0 & 0 \\ 5 & 5 & 5 & 5 & 10 & -4 & -4 \end{bmatrix}$$

$$5809, 1513, \begin{bmatrix} 12 & 37 \\ 37 & -12 \end{bmatrix}$$

$$5810, 9990, \begin{bmatrix} 1 & 3 & 4 & 23 \\ 2 & -2 & 1 & 0 \\ 3 & 4 & 2 & -1 \\ 13 & 2 & -22 & 3 \end{bmatrix}$$

$$5811, 2530, \begin{bmatrix} 2 & 6 & 35 \\ 3 & -1 & 0 \\ 7 & 21 & -4 \end{bmatrix}$$

$$5812, 106726, \begin{bmatrix} 1 & 1 & 231 \\ 1 & -1 & 0 \\ 231 & 231 & -2 \end{bmatrix}$$

$$5813, 763, [763]$$

$$5814, 9516, \begin{bmatrix} 1 & 2 & 2 & 7 & 8 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & 0 & 0 & 1 & -1 \\ 2 & 3 & 3 & -2 & 0 \\ 49 & -24 & -24 & -23 & 26 \end{bmatrix}$$

$$5815, 12291, \begin{bmatrix} 3 & 192 \\ 64 & -1 \end{bmatrix}$$

$$5816, 33288, \begin{bmatrix} 1 & 1 & 1 & 129 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 43 & 43 & 43 & -1 \end{bmatrix}$$

$$5817, 17505, \begin{bmatrix} 2 & 4 & 59 \\ 2 & -1 & 0 \\ 59 & 118 & -10 \end{bmatrix}$$

$$5818, 177242, \begin{bmatrix} 1 & 421 \\ 421 & -1 \end{bmatrix}$$

$$5819, 374, \begin{bmatrix} 5 & 9 & 9 \\ 0 & 1 & -1 \\ 18 & -5 & -5 \end{bmatrix}$$

$$5820, 3840, \begin{bmatrix} 1 & 1 & 2 & 3 & 25 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & -2 & 0 \\ 5 & 5 & 10 & 15 & -3 \end{bmatrix}$$

5821, 764, [764]

$$5822, 3990, \begin{bmatrix} 1 & 13 & 20 \\ 15 & 5 & -4 \\ 4 & -8 & 5 \end{bmatrix}$$

$$5823, 13932, \begin{bmatrix} 2 & 2 & 118 \\ 1 & -1 & 0 \\ 59 & 59 & -2 \end{bmatrix}$$

$$5824, 3712, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 4 & 6 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 0 & 0 & 1 & 1 & 0 & 0 & 1 & -1 \\ 1 & 1 & -1 & -1 & 1 & 1 & 1 & -1 \\ 5 & 5 & 5 & 5 & 5 & 5 & -9 & 1 \end{bmatrix}$$

$$5825, 1746, \begin{bmatrix} 3 & 3 & 51 \\ 1 & -1 & 0 \\ 17 & 17 & -2 \end{bmatrix}$$

$$5826, 134505, \begin{bmatrix} 1 & 2 & 164 \\ 2 & -1 & 0 \\ 164 & 328 & -5 \end{bmatrix}$$

5827, 765, [765]

$$5828, 3480, \begin{bmatrix} 1 & 1 & 11 & 15 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & 1 & -1 \\ 13 & 13 & -31 & 21 \end{bmatrix}$$

$$5829, 3255, \begin{bmatrix} 2 & 10 & 19 \\ 1 & -4 & 2 \\ 32 & 5 & -6 \end{bmatrix}$$

$$5830, 5238, \begin{bmatrix} 1 & 3 & 5 & 16 \\ 2 & 1 & -1 & 0 \\ 0 & 2 & 2 & -1 \\ 24 & -25 & 23 & -4 \end{bmatrix}$$

$$5831, 582, \begin{bmatrix} 4 & 4 & 4 & 7 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 7 & 7 & 7 & -12 \end{bmatrix}$$

$$5832, 2592, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 2 & 2 & 2 & 2 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 & -1 \\ 0 & 0 & 0 & 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & -1 & -1 & 0 & 1 \\ 1 & -2 & 1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -2 & 1 & 1 & -2 & 1 \\ 4 & 4 & 4 & -1 & -1 & -1 & -1 & -1 & -1 \end{bmatrix}$$

$$5833, 4033, \begin{bmatrix} 8 & 63 \\ 63 & -8 \end{bmatrix}$$

$$5834, 178085, \begin{bmatrix} 1 & 422 \\ 422 & -1 \end{bmatrix}$$

$$5835, 77246, \begin{bmatrix} 2 & 3 & 77 \\ 3 & -2 & 0 \\ 154 & 231 & -13 \end{bmatrix}$$

$$5836, 53826, \begin{bmatrix} 1 & 1 & 232 \\ 1 & -1 & 0 \\ 116 & 116 & -1 \end{bmatrix}$$

$$5837, 2535, \begin{bmatrix} 6 & 87 \\ 29 & -2 \end{bmatrix}$$

$$5838, 49434, \begin{bmatrix} 1 & 2 & 4 & 34 \\ 2 & 1 & -1 & 0 \\ 2 & -3 & 1 & 0 \\ 34 & 68 & 136 & -21 \end{bmatrix}$$

$$5839, 766, [766]$$

$$5840, 47216, \begin{bmatrix} 1 & 1 & 1 & 1 & 3 & 21 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 3 & 3 & 3 & 3 & -4 & 0 \\ 21 & 21 & 21 & 21 & 63 & -13 \end{bmatrix}$$

$$5841, 1932, \begin{bmatrix} 2 & 2 & 5 & 17 \\ 1 & -1 & 0 & 0 \\ 8 & 8 & -3 & -1 \\ 1 & 1 & 6 & -2 \end{bmatrix}$$

$$5842, 6258, \begin{bmatrix} 1 & 9 & 31 \\ 19 & 22 & -7 \\ 5 & -4 & 1 \end{bmatrix}$$

$$5843, 767, [767]$$

$$5844, 17310, \begin{bmatrix} 1 & 1 & 2 & 93 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 31 & 31 & 62 & -2 \end{bmatrix}$$

$$5845, 38650, \begin{bmatrix} 3 & 4 & 39 \\ 4 & -3 & 0 \\ 117 & 156 & -25 \end{bmatrix}$$

$$5846, 3774, \begin{bmatrix} 1 & 12 & 22 \\ 10 & 1 & -1 \\ 2 & -13 & 7 \end{bmatrix}$$

$$5847, 43810, \begin{bmatrix} 2 & 296 \\ 148 & -1 \end{bmatrix}$$

$$5848, 7440, \begin{bmatrix} 1 & 1 & 1 & 7 & 14 \\ 1 & 0 & -1 & 0 & 0 \\ 0 & 0 & 0 & 2 & -1 \\ 1 & -2 & 1 & 0 & 0 \\ 35 & 35 & 35 & -3 & -6 \end{bmatrix}$$

$$5849, 768, [768]$$

$$5850, 756, \begin{bmatrix} 1 & 2 & 2 & 3 & 3 & 6 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 0 & 0 & 1 & 1 & -1 \\ 4 & -1 & -1 & 0 & 0 & 0 \\ 2 & 4 & 4 & -1 & -1 & -2 \end{bmatrix}$$

$$5851, 769, [769]$$

$$5852, 8988, \begin{bmatrix} 1 & 1 & 4 & 5 & 8 \\ 1 & 0 & 1 & -1 & 0 \\ 0 & 1 & -1 & -1 & 1 \\ 1 & 2 & 0 & 1 & -1 \\ 68 & -39 & -49 & 19 & 9 \end{bmatrix}$$

$$5853, 88213, \begin{bmatrix} 2 & 297 \\ 297 & -2 \end{bmatrix}$$

$$5854, 178930, \begin{bmatrix} 1 & 423 \\ 423 & -1 \end{bmatrix}$$

$$5855, 37258, \begin{bmatrix} 3 & 193 \\ 193 & -3 \end{bmatrix}$$

$$5856, 3996, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 2 & 18 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 0 & 0 & 1 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 & 0 & 0 \\ 1 & -2 & -2 & -2 & 1 & 2 & 0 \\ 2 & 2 & 2 & 2 & 2 & 4 & -1 \end{bmatrix}$$

5857, 770, [770]

$$5858, 8547, \begin{bmatrix} 1 & 10 & 26 \\ 34 & 7 & -4 \\ 2 & -8 & 3 \end{bmatrix}$$

$$5859, 6258, \begin{bmatrix} 2 & 2 & 2 & 4 & 11 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 2 & 2 & 2 & -3 & 0 \\ 11 & 11 & 11 & 22 & -14 \end{bmatrix}$$

$$5860, 84810, \begin{bmatrix} 1 & 1 & 3 & 62 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -2 & 0 \\ 62 & 62 & 186 & -11 \end{bmatrix}$$

5861, 771, [771]

$$5862, 27230, \begin{bmatrix} 1 & 2 & 165 \\ 2 & -1 & 0 \\ 33 & 66 & -1 \end{bmatrix}$$

$$5863, 690, \begin{bmatrix} 5 & 6 & 13 \\ 5 & -2 & -1 \\ 2 & 7 & -4 \end{bmatrix}$$

$$5864, 101418, \begin{bmatrix} 1 & 1 & 1 & 130 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 130 & 130 & 130 & -3 \end{bmatrix}$$

$$5865, 1573, \begin{bmatrix} 2 & 3 & 7 & 9 \\ 3 & 1 & 0 & -1 \\ 1 & -3 & 1 & 0 \\ 3 & -2 & -9 & 7 \end{bmatrix}$$

$$5866, 111826, \begin{bmatrix} 1 & 4 & 81 \\ 4 & -1 & 0 \\ 81 & 324 & -17 \end{bmatrix}$$

5867, 772, [772]

$$5868, 14540, \begin{bmatrix} 1 & 1 & 2 & 2 & 38 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 2 & 2 & -1 & -1 & 0 \\ 19 & 19 & 38 & 38 & -5 \end{bmatrix}$$

5869, 773, [773]

$$5870, 114590, \begin{bmatrix} 1 & 3 & 107 \\ 3 & -1 & 0 \\ 107 & 321 & -10 \end{bmatrix}$$

$$5871, 13549, \begin{bmatrix} 2 & 8 & 27 \\ 4 & -1 & 0 \\ 27 & 108 & -34 \end{bmatrix}$$

$$5872, 42664, \begin{bmatrix} 1 & 1 & 1 & 1 & 73 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 73 & 73 & 73 & 73 & -4 \end{bmatrix}$$

$$5873, 10666, \begin{bmatrix} 4 & 146 \\ 73 & -2 \end{bmatrix}$$

$$5874, 3030, \begin{bmatrix} 1 & 2 & 5 & 24 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & -1 & 0 \\ 4 & 8 & 20 & -5 \end{bmatrix}$$

$$5875, 504, \begin{bmatrix} 3 & 3 & 3 & 15 \\ 1 & 0 & -1 & 0 \\ 1 & 3 & 1 & -1 \\ 4 & -3 & 4 & -1 \end{bmatrix}$$

$$5876, 4690, \begin{bmatrix} 1 & 1 & 6 & 30 \\ 1 & -1 & 0 & 0 \\ 9 & 9 & -13 & 2 \\ 3 & 3 & 4 & -1 \end{bmatrix}$$

$$5877, 28338, \begin{bmatrix} 2 & 2 & 119 \\ 1 & -1 & 0 \\ 119 & 119 & -4 \end{bmatrix}$$

$$5878, 179777, \begin{bmatrix} 1 & 424 \\ 424 & -1 \end{bmatrix}$$

$$5879, 774, [774]$$

$$5880, 1152, \begin{bmatrix} 1 & 1 & 1 & 2 & 3 & 4 & 4 \\ 1 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & -1 \\ 1 & 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & 2 & 1 & 2 & 0 & -1 & -1 \\ 0 & 1 & 0 & 0 & -3 & 1 & 1 \\ 1 & -3 & 1 & 2 & -1 & 0 & 0 \end{bmatrix}$$

$$5881, 775, [775]$$

$$5882, 8250, \begin{bmatrix} 1 & 7 & 40 \\ 7 & -1 & 0 \\ 4 & 28 & -5 \end{bmatrix}$$

$$5883, 1212, \begin{bmatrix} 2 & 12 & 16 \\ 2 & 1 & -1 \\ 14 & -17 & 11 \end{bmatrix}$$

$$5884, 108582, \begin{bmatrix} 1 & 1 & 233 \\ 1 & -1 & 0 \\ 233 & 233 & -2 \end{bmatrix}$$

$$5885, 13906, \begin{bmatrix} 3 & 5 & 28 \\ 5 & -3 & 0 \\ 42 & 70 & -17 \end{bmatrix}$$

$$5886, 56364, \begin{bmatrix} 1 & 2 & 2 & 2 & 29 \\ 0 & 1 & 0 & -1 & 0 \\ 0 & 1 & -2 & 1 & 0 \\ 1 & -5 & -5 & -5 & 1 \\ 63 & 4 & 4 & 4 & -3 \end{bmatrix}$$

$$5887, 108, \begin{bmatrix} 4 & 10 & 10 \\ 0 & 1 & -1 \\ 5 & -1 & -1 \end{bmatrix}$$

$$5888, 11392, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 9 \\ 1 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & 0 & 0 & -1 & 1 & 0 \\ 0 & 0 & 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & -1 & -1 & -1 & -1 & 1 & 1 & 0 \\ 9 & 9 & 9 & 9 & 9 & 9 & 9 & 9 & -8 \end{bmatrix}$$

$$5889, 3340, \begin{bmatrix} 2 & 6 & 36 \\ 3 & -1 & 0 \\ 9 & 27 & -5 \end{bmatrix}$$

$$5890, 1170, \begin{bmatrix} 1 & 3 & 8 & 11 \\ 0 & 1 & 1 & -1 \\ 6 & 5 & -4 & 1 \\ 4 & -3 & 2 & -1 \end{bmatrix}$$

$$5891, 1285, \begin{bmatrix} 14 & 33 \\ 33 & -14 \end{bmatrix}$$

$$5892, 26526, \begin{bmatrix} 1 & 1 & 2 & 94 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 47 & 47 & 94 & -3 \end{bmatrix}$$

$$5893, 929, \begin{bmatrix} 20 & 23 \\ 23 & -20 \end{bmatrix}$$

$$5894, 67410, \begin{bmatrix} 1 & 4 & 82 \\ 30 & 13 & -1 \\ 10 & -23 & 1 \end{bmatrix}$$

$$5895, 35394, \begin{bmatrix} 2 & 2 & 3 & 32 \\ 1 & -1 & 0 & 0 \\ 3 & 3 & -4 & 0 \\ 64 & 64 & 96 & -17 \end{bmatrix}$$

$$5896, 65352, \begin{bmatrix} 1 & 1 & 1 & 5 & 19 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 3 & 1 & -1 & 0 \\ 4 & -3 & 4 & -1 & 0 \\ 19 & 19 & 19 & 95 & -28 \end{bmatrix}$$

$$5897, 776, [776]$$

$$5898, 137805, \begin{bmatrix} 1 & 2 & 166 \\ 2 & -1 & 0 \\ 166 & 332 & -5 \end{bmatrix}$$

$$5899, 4810, \begin{bmatrix} 7 & 69 \\ 69 & -7 \end{bmatrix}$$

$$5900, 12360, \begin{bmatrix} 1 & 1 & 3 & 3 & 17 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 \\ 3 & 3 & -1 & -1 & 0 \\ 17 & 17 & 51 & 51 & -20 \end{bmatrix}$$

$$5901, 1810, \begin{bmatrix} 2 & 4 & 60 \\ 2 & -1 & 0 \\ 6 & 12 & -1 \end{bmatrix}$$

$$5902, 65826, \begin{bmatrix} 1 & 6 & 49 \\ 16 & -19 & 2 \\ 41 & 34 & -5 \end{bmatrix}$$

$$5903, 777, [777]$$

$$5904, 8688, \begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 2 & 13 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & -1 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & -1 & 0 \\ 13 & 13 & 13 & 13 & 26 & 26 & -12 \end{bmatrix}$$

$$5905, 37645, \begin{bmatrix} 3 & 194 \\ 194 & -3 \end{bmatrix}$$

$$5906, 180626, \begin{bmatrix} 1 & 425 \\ 425 & -1 \end{bmatrix}$$

$$5907, 5130, \begin{bmatrix} 2 & 5 & 41 \\ 8 & 5 & -1 \\ 7 & -11 & 1 \end{bmatrix}$$

$$5908, 40086, \begin{bmatrix} 1 & 1 & 4 & 47 \\ 1 & -1 & 0 & 0 \\ 2 & 2 & -1 & 0 \\ 47 & 47 & 188 & -18 \end{bmatrix}$$

$$5909, 520, \begin{bmatrix} 8 & 64 \\ 8 & -1 \end{bmatrix}$$

$$5910, 85638, \begin{bmatrix} 1 & 2 & 3 & 45 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 45 & 90 & 135 & -14 \end{bmatrix}$$

$$5911, 3106, \begin{bmatrix} 9 & 55 \\ 55 & -9 \end{bmatrix}$$

$$5912, 102984, \begin{bmatrix} 1 & 1 & 1 & 131 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 131 & 131 & 131 & -3 \end{bmatrix}$$

$$5913, 3656, \begin{bmatrix} 2 & 2 & 2 & 2 & 21 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 21 & 21 & 21 & 21 & -8 \end{bmatrix}$$

$$5914, 181477, \begin{bmatrix} 1 & 426 \\ 426 & -1 \end{bmatrix}$$

$$5915, 1746, \begin{bmatrix} 3 & 4 & 6 & 6 \\ 0 & 0 & 1 & -1 \\ 4 & 0 & -1 & -1 \\ 4 & -27 & 8 & 8 \end{bmatrix}$$

$$5916, 6510, \begin{bmatrix} 1 & 1 & 2 & 7 & 10 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 1 & 1 & 2 & 2 & -2 \\ 17 & 17 & 34 & -36 & 15 \end{bmatrix}$$

$$5917, 949, \begin{bmatrix} 18 & 25 \\ 25 & -18 \end{bmatrix}$$

$$5918, 19650, \begin{bmatrix} 1 & 5 & 57 \\ 23 & -16 & 1 \\ 7 & 10 & -1 \end{bmatrix}$$

$$5919, 44404, \begin{bmatrix} 2 & 298 \\ 149 & -1 \end{bmatrix}$$

$$5920, 26544, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 3 & 12 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 2 & 1 & 1 & -2 & 0 \\ 2 & 2 & -5 & 2 & 2 & -1 & 0 \\ 6 & 6 & 6 & 6 & 6 & 18 & -7 \end{bmatrix}$$

$$5921, 1970, \begin{bmatrix} 11 & 43 \\ 43 & -11 \end{bmatrix}$$

$$5922, 6250, \begin{bmatrix} 1 & 2 & 2 & 4 & 15 \\ 2 & 0 & -1 & 0 & 0 \\ 0 & 2 & 0 & -1 & 0 \\ 2 & -1 & 4 & -2 & 0 \\ 3 & 6 & 6 & 12 & -5 \end{bmatrix}$$

5923, 778, [778]

$$5924, 54758, \begin{bmatrix} 1 & 1 & 234 \\ 1 & -1 & 0 \\ 117 & 117 & -1 \end{bmatrix}$$

$$5925, 506, \begin{bmatrix} 2 & 3 & 3 & 22 \\ 0 & 1 & -1 & 0 \\ 3 & -1 & -1 & 0 \\ 2 & 3 & 3 & -1 \end{bmatrix}$$

$$5926, 182330, \begin{bmatrix} 1 & 427 \\ 427 & -1 \end{bmatrix}$$

5927, 779, [779]

$$5928, 11556, \begin{bmatrix} 1 & 1 & 1 & 2 & 6 & 8 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 1 & -1 & 0 & 0 \\ 0 & 2 & 0 & 0 & 1 & -1 \\ 1 & -2 & 1 & 2 & 2 & -2 \\ 14 & 14 & 14 & 28 & -23 & 5 \end{bmatrix}$$

$$5929, 164, \begin{bmatrix} 4 & 4 & 5 & 5 \\ 1 & -1 & 0 & 0 \\ 0 & 0 & 1 & -1 \\ 5 & 5 & -4 & -4 \end{bmatrix}$$

$$5930, 58370, \begin{bmatrix} 1 & 3 & 108 \\ 3 & -1 & 0 \\ 54 & 162 & -5 \end{bmatrix}$$

$$5931, 7204, \begin{bmatrix} 2 & 2 & 120 \\ 1 & -1 & 0 \\ 30 & 30 & -1 \end{bmatrix}$$

$$5932, 110454, \begin{bmatrix} 1 & 1 & 235 \\ 1 & -1 & 0 \\ 235 & 235 & -2 \end{bmatrix}$$

$$5933, 707, \begin{bmatrix} 7 & 70 \\ 10 & -1 \end{bmatrix}$$

$$5934, 9870, \begin{bmatrix} 1 & 2 & 9 & 14 \\ 2 & -1 & 0 & 0 \\ 1 & 2 & 1 & -1 \\ 23 & 46 & -75 & 40 \end{bmatrix}$$

$$5935, 12678, \begin{bmatrix} 3 & 195 \\ 65 & -1 \end{bmatrix}$$

$$5936, 2760, \begin{bmatrix} 1 & 1 & 1 & 1 & 4 & 16 \\ 1 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & -1 & 0 \\ 4 & 4 & 4 & 4 & 16 & -5 \end{bmatrix}$$

$$5937, 89405, \begin{bmatrix} 2 & 299 \\ 299 & -2 \end{bmatrix}$$

$$5938, 183185, \begin{bmatrix} 1 & 428 \\ 428 & -1 \end{bmatrix}$$

$$5939, 780, [780]$$

$$5940, 1152, \begin{bmatrix} 1 & 1 & 2 & 2 & 2 & 3 & 5 \\ 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 1 & 1 & 2 & 1 & 0 & -2 \\ 0 & 0 & 1 & 0 & 1 & -3 & 1 \\ 1 & 1 & -2 & 2 & -2 & -1 & 1 \end{bmatrix}$$

$$5941, 3890, \begin{bmatrix} 6 & 88 \\ 44 & -3 \end{bmatrix}$$

$$5942, 184042, \begin{bmatrix} 1 & 429 \\ 429 & -1 \end{bmatrix}$$

$$5943, 18705, \begin{bmatrix} 2 & 4 & 61 \\ 2 & -1 & 0 \\ 61 & 122 & -10 \end{bmatrix}$$

$$5944, 34854, \begin{bmatrix} 1 & 1 & 1 & 132 \\ 1 & 0 & -1 & 0 \\ 1 & -2 & 1 & 0 \\ 44 & 44 & 44 & -1 \end{bmatrix}$$

$$5945, 834, \begin{bmatrix} 3 & 10 & 13 \\ 23 & -16 & 7 \\ 1 & 1 & -1 \end{bmatrix}$$

$$5946, 139470, \begin{bmatrix} 1 & 2 & 167 \\ 2 & -1 & 0 \\ 167 & 334 & -5 \end{bmatrix}$$

$$5947, 4289, \begin{bmatrix} 8 & 65 \\ 65 & -8 \end{bmatrix}$$

$$5948, 55698, \begin{bmatrix} 1 & 1 & 236 \\ 1 & -1 & 0 \\ 118 & 118 & -1 \end{bmatrix}$$

$$5949, 29298, \begin{bmatrix} 2 & 2 & 121 \\ 1 & -1 & 0 \\ 121 & 121 & -4 \end{bmatrix}$$

$$5950, 168, \begin{bmatrix} 1 & 3 & 3 & 4 & 7 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & 1 & 1 & 0 & -1 \\ 1 & 0 & 0 & -2 & 1 \\ 2 & -1 & -1 & 1 & 0 \end{bmatrix}$$

$$5951, 2005, \begin{bmatrix} 5 & 100 \\ 20 & -1 \end{bmatrix}$$

$$5952, 31440, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 2 & 11 \\ 1 & 0 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 & 0 & 0 \\ 1 & -1 & 0 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & -2 & -2 & 1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & 1 & -3 & 0 \\ 11 & 11 & 11 & 11 & 11 & 11 & 22 & -10 \end{bmatrix}$$

$$5953, 781, [781]$$

$$5954, 48203, \begin{bmatrix} 1 & 6 & 50 \\ 26 & -21 & 2 \\ 18 & 22 & -3 \end{bmatrix}$$

$$5955, 6097, \begin{bmatrix} 2 & 3 & 78 \\ 3 & -2 & 0 \\ 12 & 18 & -1 \end{bmatrix}$$

$$5956, 112342, \begin{bmatrix} 1 & 1 & 237 \\ 1 & -1 & 0 \\ 237 & 237 & -2 \end{bmatrix}$$

$$5957, 2410, \begin{bmatrix} 4 & 9 & 12 \\ 3 & 0 & -1 \\ 9 & -40 & 27 \end{bmatrix}$$

$$5958, 80964, \begin{bmatrix} 1 & 2 & 2 & 67 \\ 0 & 1 & -1 & 0 \\ 4 & -1 & -1 & 0 \\ 67 & 134 & 134 & -9 \end{bmatrix}$$

$$5959, 965, \begin{bmatrix} 17 & 26 \\ 26 & -17 \end{bmatrix}$$

$$5960, 29688, \begin{bmatrix} 1 & 1 & 1 & 3 & 35 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 35 & 35 & 35 & 105 & -12 \end{bmatrix}$$

$$5961, 45002, \begin{bmatrix} 2 & 300 \\ 150 & -1 \end{bmatrix}$$

$$5962, 37290, \begin{bmatrix} 1 & 5 & 58 \\ 8 & 10 & -1 \\ 39 & -31 & 2 \end{bmatrix}$$

$$5963, 937, \begin{bmatrix} 19 & 24 \\ 24 & -19 \end{bmatrix}$$

$$5964, 13926, \begin{bmatrix} 1 & 1 & 2 & 4 & 20 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & -1 & 0 & 0 \\ 2 & 2 & 4 & -3 & 0 \\ 10 & 10 & 20 & 40 & -11 \end{bmatrix}$$

$$5965, 38425, \begin{bmatrix} 3 & 196 \\ 196 & -3 \end{bmatrix}$$

$$5966, 10038, \begin{bmatrix} 1 & 8 & 37 \\ 26 & -31 & 6 \\ 5 & 4 & -1 \end{bmatrix}$$

$$5967, 2328, \begin{bmatrix} 2 & 2 & 2 & 6 & 7 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & 1 & 1 & -1 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 7 & 7 & 7 & 21 & -24 \end{bmatrix}$$

$$5968, 21920, \begin{bmatrix} 1 & 1 & 1 & 1 & 74 \\ 1 & 0 & 0 & -1 & 0 \\ 0 & 1 & -1 & 0 & 0 \\ 1 & -1 & -1 & 1 & 0 \\ 37 & 37 & 37 & 37 & -2 \end{bmatrix}$$

$$5969, 1186, \begin{bmatrix} 15 & 31 \\ 31 & -15 \end{bmatrix}$$

$$5970, 44730, \begin{bmatrix} 1 & 2 & 3 & 46 \\ 1 & -2 & 1 & 0 \\ 4 & 1 & -2 & 0 \\ 23 & 46 & 69 & -7 \end{bmatrix}$$

$$5971, 21625, \begin{bmatrix} 4 & 147 \\ 147 & -4 \end{bmatrix}$$

$$5972, 56646, \begin{bmatrix} 1 & 1 & 238 \\ 1 & -1 & 0 \\ 119 & 119 & -1 \end{bmatrix}$$

$$5973, 10758, \begin{bmatrix} 2 & 5 & 42 \\ 31 & -4 & -1 \\ 1 & 8 & -1 \end{bmatrix}$$

$$5974, 7470, \begin{bmatrix} 1 & 10 & 27 \\ 31 & -22 & 7 \\ 4 & 5 & -2 \end{bmatrix}$$

$$5975, 2722, \begin{bmatrix} 3 & 3 & 52 \\ 1 & -1 & 0 \\ 26 & 26 & -3 \end{bmatrix}$$

$$5976, 16200, \begin{bmatrix} 1 & 1 & 1 & 2 & 2 & 23 \\ 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & 0 & 1 & 0 & -1 & 0 \\ 0 & 2 & 0 & -1 & 0 & 0 \\ 3 & 1 & 3 & 2 & 6 & -1 \\ 2 & -7 & 2 & -14 & 4 & 1 \end{bmatrix}$$

$$5977, 676, \begin{bmatrix} 14 & 34 \\ 17 & -7 \end{bmatrix}$$

$$5978, 3570, \begin{bmatrix} 1 & 4 & 4 & 18 \\ 0 & 1 & -1 & 0 \\ 14 & 5 & 5 & -3 \\ 4 & -5 & -5 & 2 \end{bmatrix}$$

$$5979, 90605, \begin{bmatrix} 2 & 301 \\ 301 & -2 \end{bmatrix}$$

$$5980, 3072, \begin{bmatrix} 1 & 1 & 3 & 6 & 9 \\ 1 & -1 & 0 & 0 & 0 \\ 0 & 0 & 1 & 1 & -1 \\ 3 & 3 & -3 & 2 & -1 \\ 9 & 9 & 11 & -10 & 1 \end{bmatrix}$$

5981, 782, [782]

$$5982, 141145, \begin{bmatrix} 1 & 2 & 168 \\ 2 & -1 & 0 \\ 168 & 336 & -5 \end{bmatrix}$$

$$5983, 187, \begin{bmatrix} 11 & 44 \\ 4 & -1 \end{bmatrix}$$

$$5984, 18960, \begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 5 & 7 \\ 1 & 0 & 0 & 0 & -1 & 0 & 0 \\ 0 & 1 & 0 & -1 & 0 & 0 & 0 \\ 1 & -1 & 0 & -1 & 1 & 0 & 0 \\ 1 & 1 & 1 & 1 & 1 & -1 & 0 \\ 1 & 1 & -4 & 1 & 1 & 0 & 0 \\ 7 & 7 & 7 & 7 & 7 & 35 & -30 \end{bmatrix}$$

$$5985, 6402, \begin{bmatrix} 2 & 2 & 3 & 4 & 8 \\ 1 & -1 & 0 & 0 & 0 \\ 1 & 1 & 0 & -1 & 0 \\ 2 & 2 & 0 & 4 & -3 \\ 3 & 3 & -44 & 6 & 12 \end{bmatrix}$$

$$5986, 10998, \begin{bmatrix} 1 & 13 & 21 \\ 1 & -13 & 8 \\ 29 & 1 & -2 \end{bmatrix}$$

5987, 783, [783]

$$5988, 54186, \begin{bmatrix} 1 & 1 & 2 & 95 \\ 1 & -1 & 0 & 0 \\ 1 & 1 & -1 & 0 \\ 95 & 95 & 190 & -6 \end{bmatrix}$$

$$5989, 578, \begin{bmatrix} 16 & 30 \\ 15 & -8 \end{bmatrix}$$

$$5990, 118910, \begin{bmatrix} 1 & 3 & 109 \\ 3 & -1 & 0 \\ 109 & 327 & -10 \end{bmatrix}$$

$$5991, 45604, \begin{bmatrix} 2 & 302 \\ 151 & -1 \end{bmatrix}$$

$$5992, 91542, \begin{bmatrix} 1 & 1 & 1 & 4 & 28 \\ 1 & 0 & -1 & 0 & 0 \\ 1 & -2 & 1 & 0 & 0 \\ 4 & 4 & 4 & -3 & 0 \\ 28 & 28 & 28 & 112 & -19 \end{bmatrix}$$

$$5993, 7957, \begin{bmatrix} 6 & 89 \\ 89 & -6 \end{bmatrix}$$

$$5994, 3864, \begin{bmatrix} 1 & 2 & 2 & 2 & 2 & 12 \\ 0 & 1 & 0 & 0 & -1 & 0 \\ 0 & 0 & 1 & -1 & 0 & 0 \\ 0 & 1 & -1 & -1 & 1 & 0 \\ 8 & -7 & -7 & -7 & -7 & 4 \\ 4 & 1 & 1 & 1 & 1 & -1 \end{bmatrix}$$

$$5995, 8750, \begin{bmatrix} 3 & 5 & 29 \\ 18 & -5 & -1 \\ 4 & 15 & -3 \end{bmatrix}$$

$$5996, 114246, \begin{bmatrix} 1 & 1 & 239 \\ 1 & -1 & 0 \\ 239 & 239 & -2 \end{bmatrix}$$

$$5997, 91813, \begin{bmatrix} 2 & 303 \\ 303 & -2 \end{bmatrix}$$

$$5998, 184901, \begin{bmatrix} 1 & 430 \\ 430 & -1 \end{bmatrix}$$

[

$$5999, 5480, \begin{bmatrix} 4 & 148 \\ 37 & -1 \end{bmatrix}$$

$$6000, 3920,$$

$$\begin{bmatrix} 1 & 1 & 1 & 1 & 2 & 3 & 3 & 3 \\ 1 & 0 & 0 & -1 & 0 & 0 & 0 & 0 \\ 0 & 1 & -1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 1 & 0 & -1 \\ 1 & -1 & -1 & 1 & 0 & 0 & 0 & 0 \\ 1 & 1 & 1 & 1 & -2 & -1 & 2 & -1 \\ 1 & 1 & 1 & 1 & 4 & -2 & 0 & -2 \\ 2 & 2 & 2 & 2 & -1 & 1 & -4 & 1 \end{bmatrix}$$

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