```
1 1 2 3
                                     1 0 -2 1
                                     2 0 3 -1
1 5 -2 4
                    (6,5,0)
                                                          (0, -2, 5)
                                     0 -1 -4 3
0 -2 4 -3
0 -4 1 -4
                                     0 4 -1 1
(-5,5) \rightarrow (0,0000)
                                     (4, -8) \rightarrow (0, 0000)
(-2,3) \rightarrow (1,0001)
                                     (2,-6) \rightarrow (0,0001)
(-4,8) \rightarrow (1,0002)
                                     (4,-7) \rightarrow (0,0002)
(-2,7) \rightarrow (5,0010)
                                     (7,-11) \rightarrow (0,0010)
(1,5) \rightarrow (6,0011)
                                     (5,-9) \rightarrow (0,0011)
                                     (7,-10) \rightarrow (0,0012)
                                     (4,-9) \rightarrow (0,0020)
                                     (2,-7) \rightarrow (0,0021)
```