```
1 0 -2 1
1 5 -2 4
                                 0 0 3 -1
                  (6,5,0)
                                                    (0, -2, 4)
                                  0 -1 -4 3
0 -2 4 -3
                                  0 4 -1 1
0 -4 1 -4
                                  (4, -8) \rightarrow (0, 0000)
(-5,5) \rightarrow (0,0000)
(-2,3) \rightarrow (1,0001)
(-4,8) \rightarrow (1,0002)
(-2,7) \rightarrow (5,0010)
(1,5) \rightarrow (6,0011)
```