```
1 1 2 3 0 0 -2 1 0 0 3 -1 0 0 -2 4 0 0 -2 4 -3 0 -1 -4 3 0 -1 1 1 (0, -4, 4)

(-5,5) -> (0,0000) (-2,3) -> (1,0001) (-4,8) -> (1,0002) (-2,7) -> (5,0010)
```

. . .

 $(1,5) \rightarrow (6,0011)$