

不同路径III（方法一）

https://github.com/sangjianshun/Master-School/blob/master/uniquePathsIII_1



问题描述

nums

0	0	0	1
0	0	0	0
-1	2	0	0



2

不同路径III



问题求解方法一：回溯深度优先搜索法

nums

0	0	0	1
0	0	0	0
-1	2	0	0

0	0	0	1
0	0	0	0
-1	2	0	0



0	0	0	1
0	0	0	-1
-1	2	0	-1



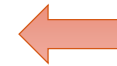
0	0	0	1
0	0	0	-1
-1	2	-1	-1



0	-1	-1	1
0	0	-1	-1
-1	2	-1	-1



0	0	-1	1
0	0	-1	-1
-1	2	-1	-1



0	0	0	1
0	0	0	-1
-1	2	-1	-1



0	-1	-1	1
0	-1	-1	-1
-1	2	-1	-1



0	-1	-1	1
-1	-1	-1	-1
-1	2	-1	-1



-1	-1	-1	1
-1	-1	-1	-1
-1	2	-1	-1

不同路径III



问题求解方法一：回溯深度优先搜索法

nums

0	0	0	1
0	0	0	0
-1	2	0	0

-1	-1	-1	1
-1	-1	-1	-1
-1	2	-1	-1



0	-1	-1	1
-1	-1	-1	-1
-1	2	-1	-1



0	-1	-1	1
0	-1	-1	-1
-1	2	-1	-1



0	-1	-1	1
0	0	-1	-1
-1	2	-1	-1



-1	-1	-1	1
0	0	-1	-1
-1	2	-1	-1



-1	-1	-1	1
-1	0	-1	-1
-1	2	-1	-1



-1	-1	-1	1
-1	-1	-1	-1
-1	2	-1	-1



0	0	0	0	1
0	0	0	0	0
-1	2	0	0	0

```
def dfs(self, grid, i, j, count):  
    if count == 0 and len(self.find_path(grid, i, j, num=2)) == 1:  
        self.res += 1  
        return  
    # grid[i][j] = -1  
    path = self.find_path(grid, i, j)  
    for path_i, path_j in path:  
        grid[i][j] = -1  
        self.dfs(grid, path_i, path_j, count-1)  
        grid[i][j] = 0
```