

## 第八周学习总结

Leetcode 63 不同路径 II

```
class Solution:
    def uniquePathsWithObstacles(self, obstacleGrid: List[List[int]])
    -> int:
```

输入 `obstacleGrid` 是一个  $m \times n$  矩阵

DP 状态转移方程:

```
if not obstacleGrid[i - 1][j - 1]:
    dp[i][j] = dp[i - 1][j] + dp[i][j - 1]
else:
    dp[i][j] = 0
```

输出为: `dp[m][n]`