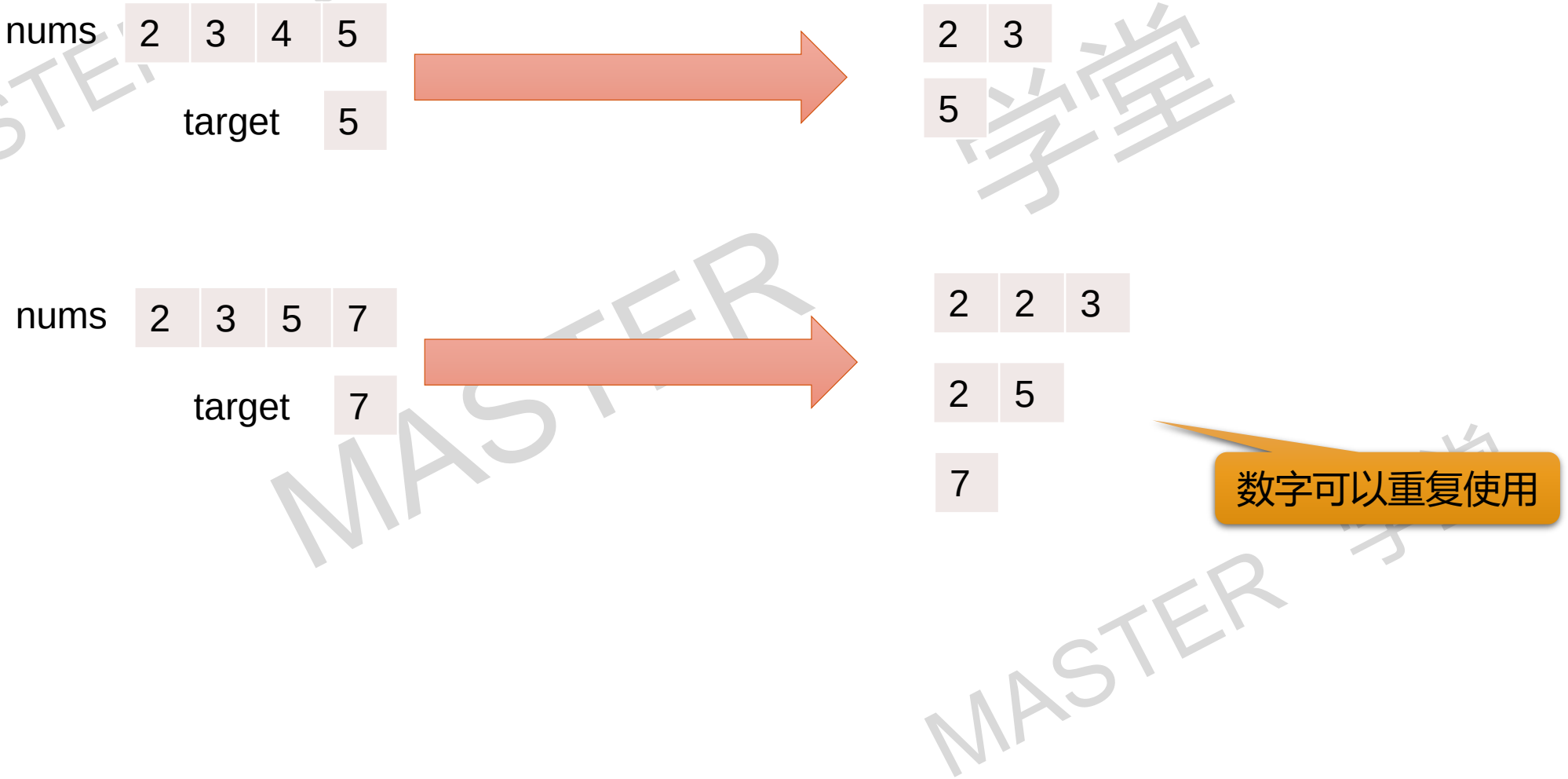
组合总和（combinationSum）

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

问题描述



组合总和

问题求解：回溯法

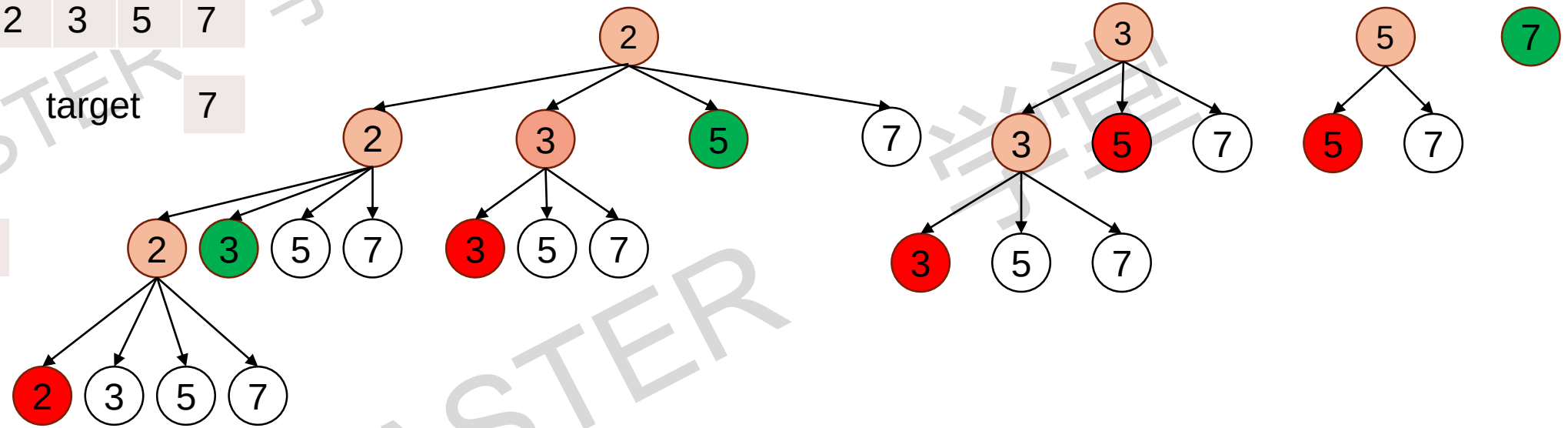
nums 2 3 5 7

target 7

2 2 3

2 5

7

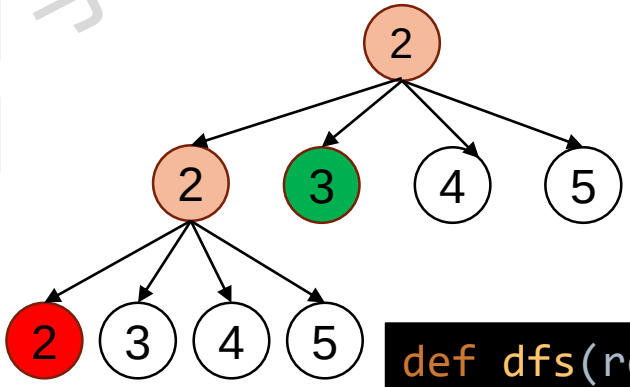


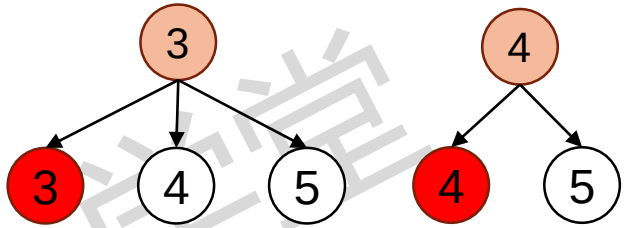
组合总和

问题求解：回溯法

nums	2	3	4	5

target 5






```
def dfs(res_tmp,candidates,target):
    for i in range(len(candidates)):
        if candidates[i] > target:
            break
        elif candidates[i]==target:
            res = res_tmp + [candidates[i]]
            self.res.append(res)
        else:
            res = res_tmp + [candidates[i]]
            dfs(res, candidates[i:], target - candidates[i])
dfs([],candidates,target)
return self.res
```