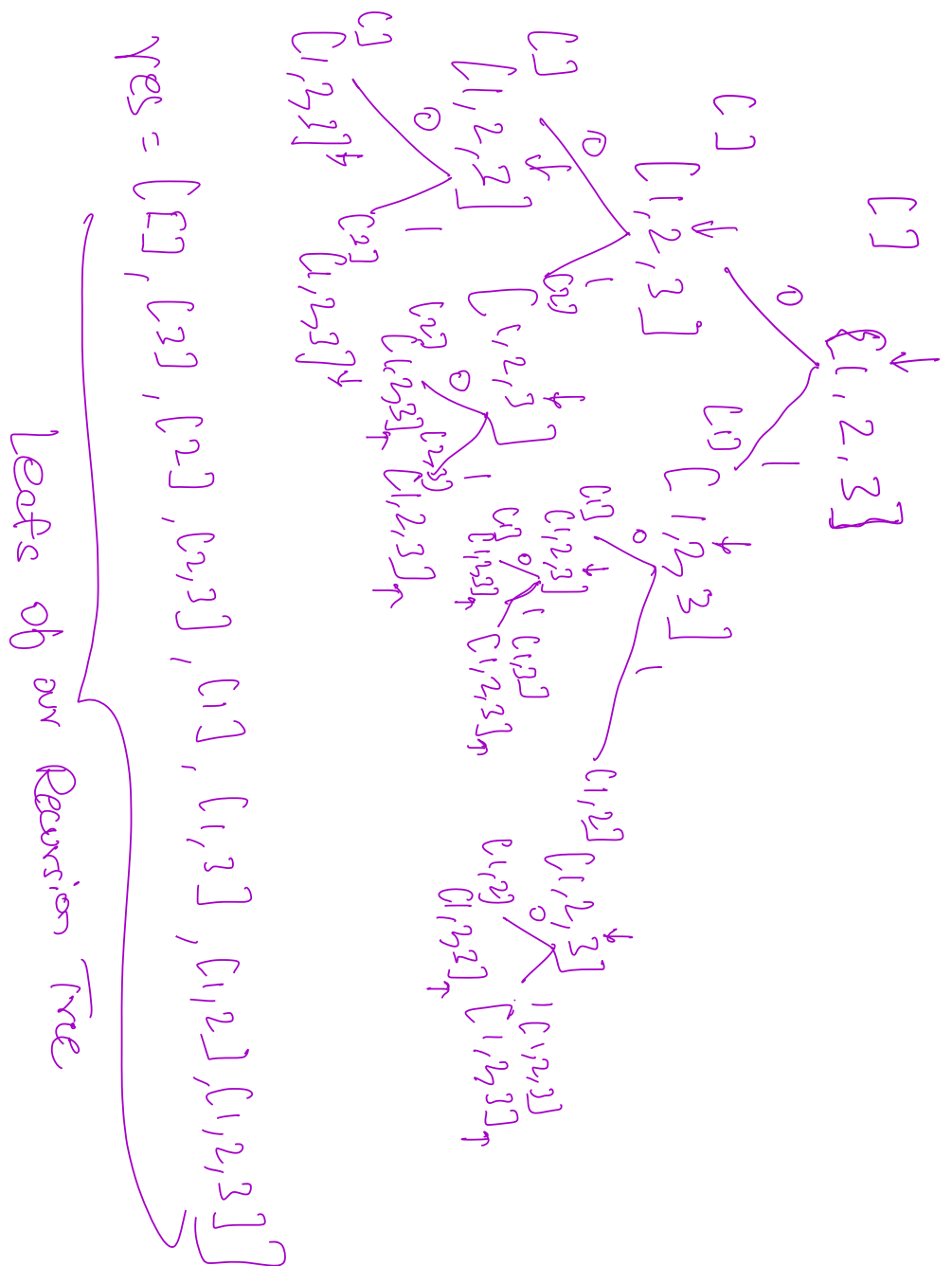


01 Recursion

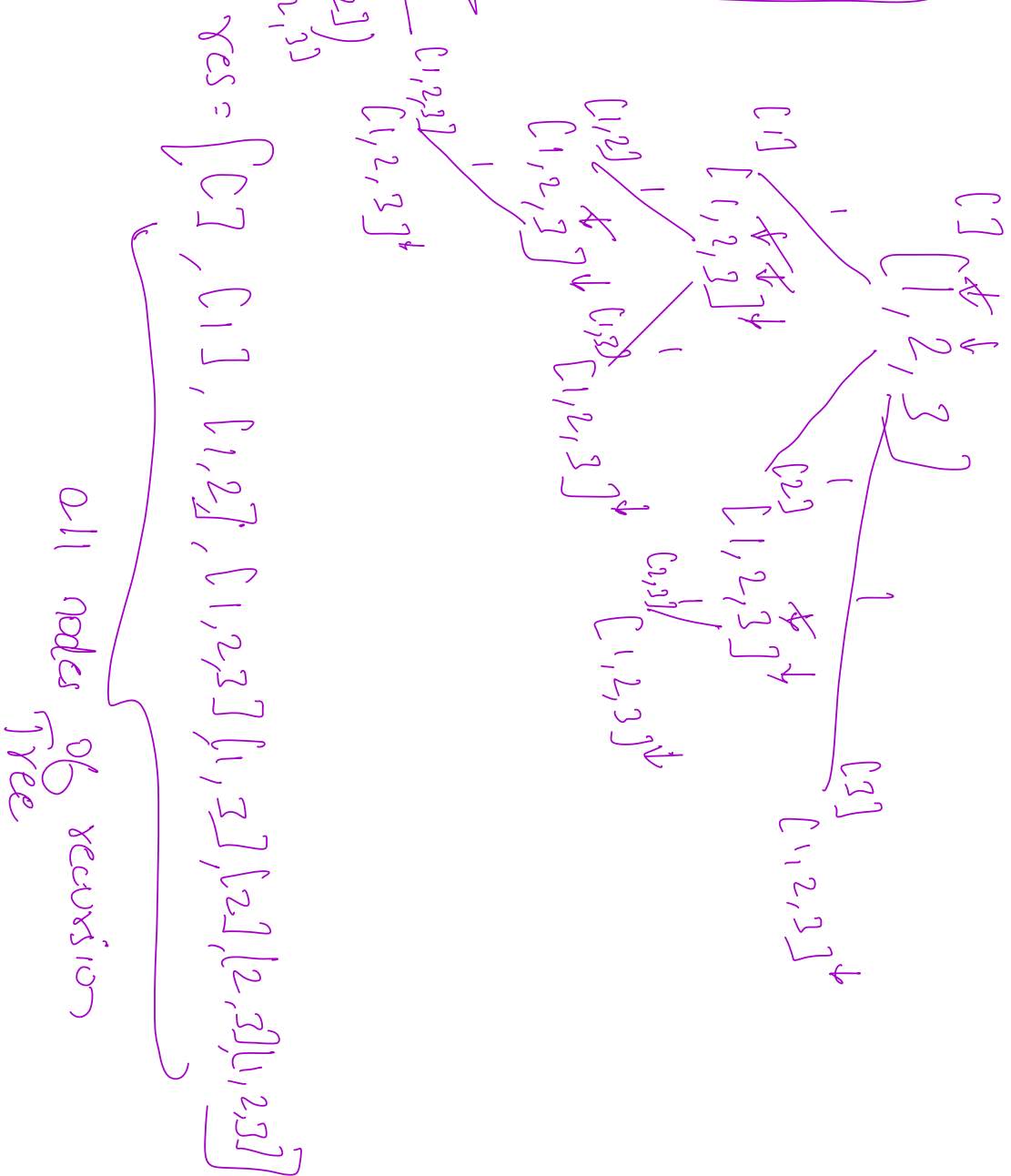
Optimize time & space for all solutions below.



For Recursion

helper(1, l[1])
~~helper(l, l[1])~~
~~helper(l, l[2])~~

~~helper(0, l[1])~~
~~helper(1, l[1])~~
~~helper(2, l[1, 2])~~
~~helper(3, l[1, 2, 3])~~



$[1]$

Iterative

Optimized TC

Optimize SC

result = []

[1] [1], [1]

[2] [1], [2], [1, 2]

[3] [1], [2], [1, 2], [3], [1, 3], [2, 3], [1, 2, 3]

2^n total combinations.