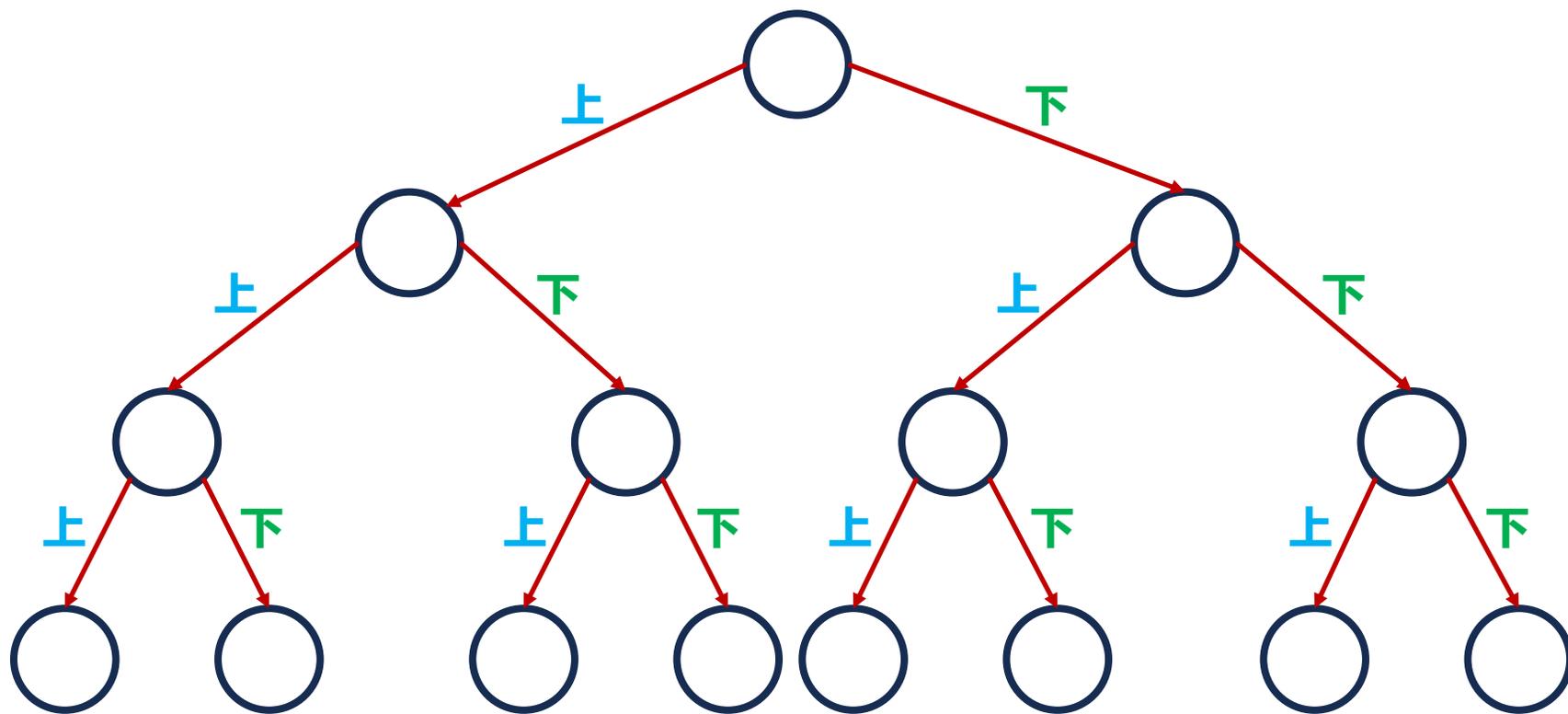


第二讲：奇怪的电梯-P1135

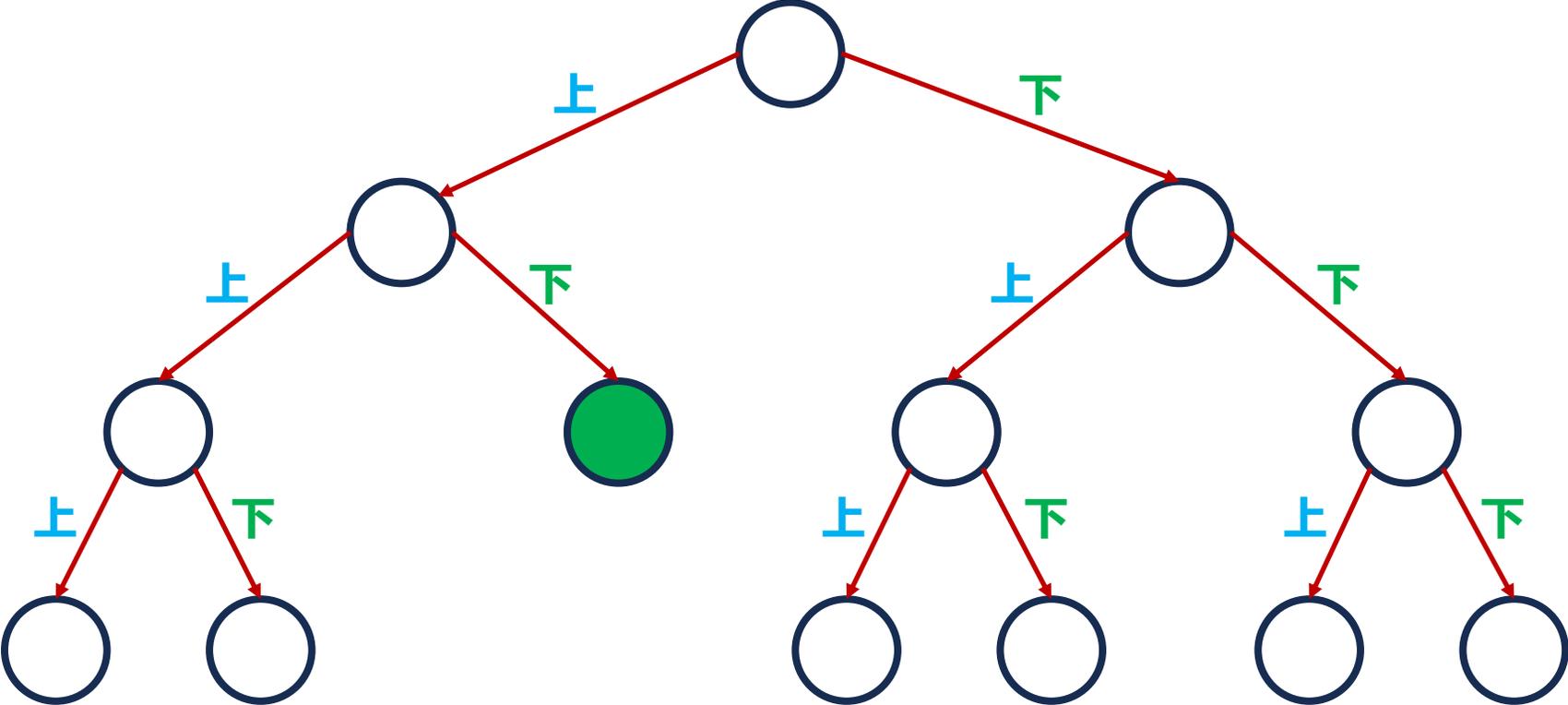
胡船长

初航我带你，远航靠自己

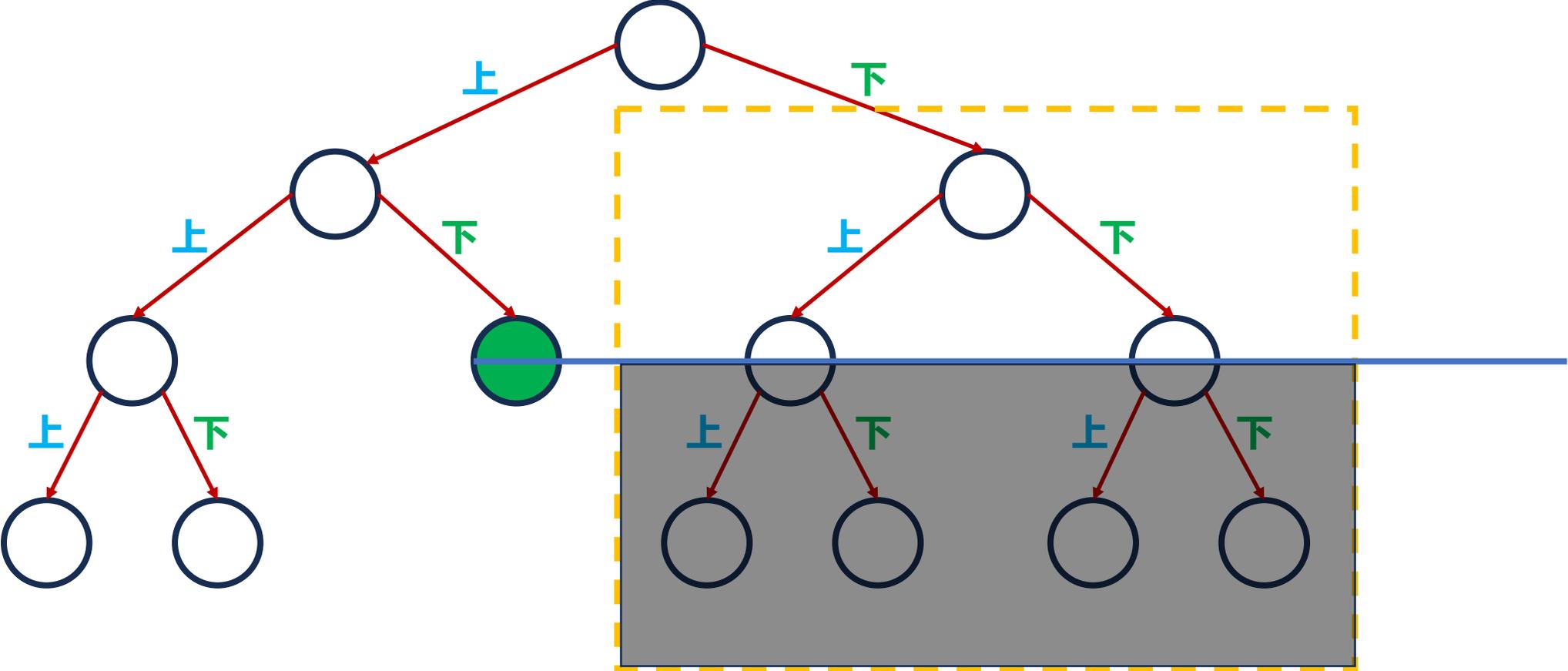
一、问题搜索树



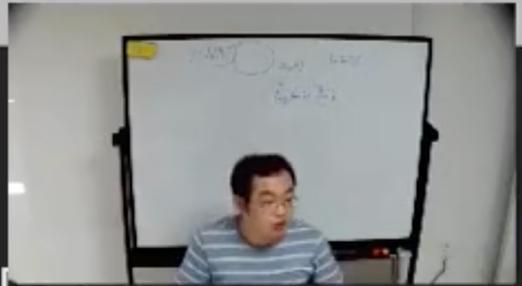
二、优化1：历史答案剪枝



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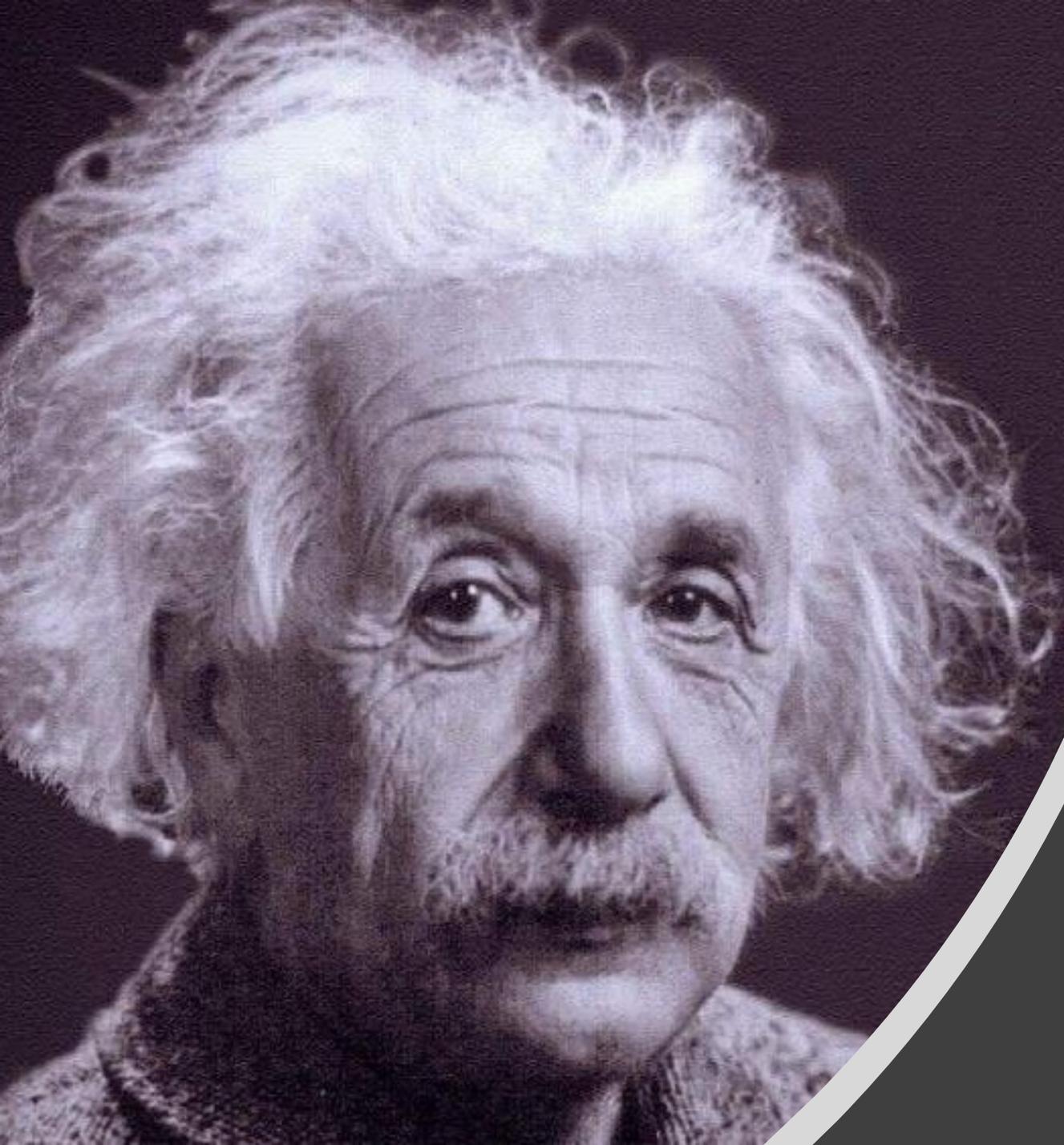


```
1. vim
vim #1 bash #2 bash #3
39 }
40
41 Node *insert_maintain(Node *root) {
42     if (!hasRedChild(root)) return root;
43     if (root->lchild->color == RED && root->rchild->color == RED, {
44         if (!hasRedChild(root->lchild) && !hasRedChild(root->rchild)) return root;
45         root->color = RED;
46         root->lchild->color = root->rchild->color = BLACK;
47         return root;
48     }
49     if (root->lchild->color == RED) {
50         if (!hasRedChild(root->lchild)) return root;
51
52     } else {
53         if (!hasRedChild(root->rchild)) return root;
54
55     }
56 }
57
58
```



奇怪的电梯-P1135：代码演示

```
61 Node *__insert(Node *root, int key) {
62     if (root == NIL) return getNewNode(key);
<-6班资料 /X.现场撸代码 /15.RBT.cpp [FORMAT=unix] [TYPE=CPP] [POS=54,30][62%] 21/09/19 - 20:21
```



为什么
会出一样的题目？