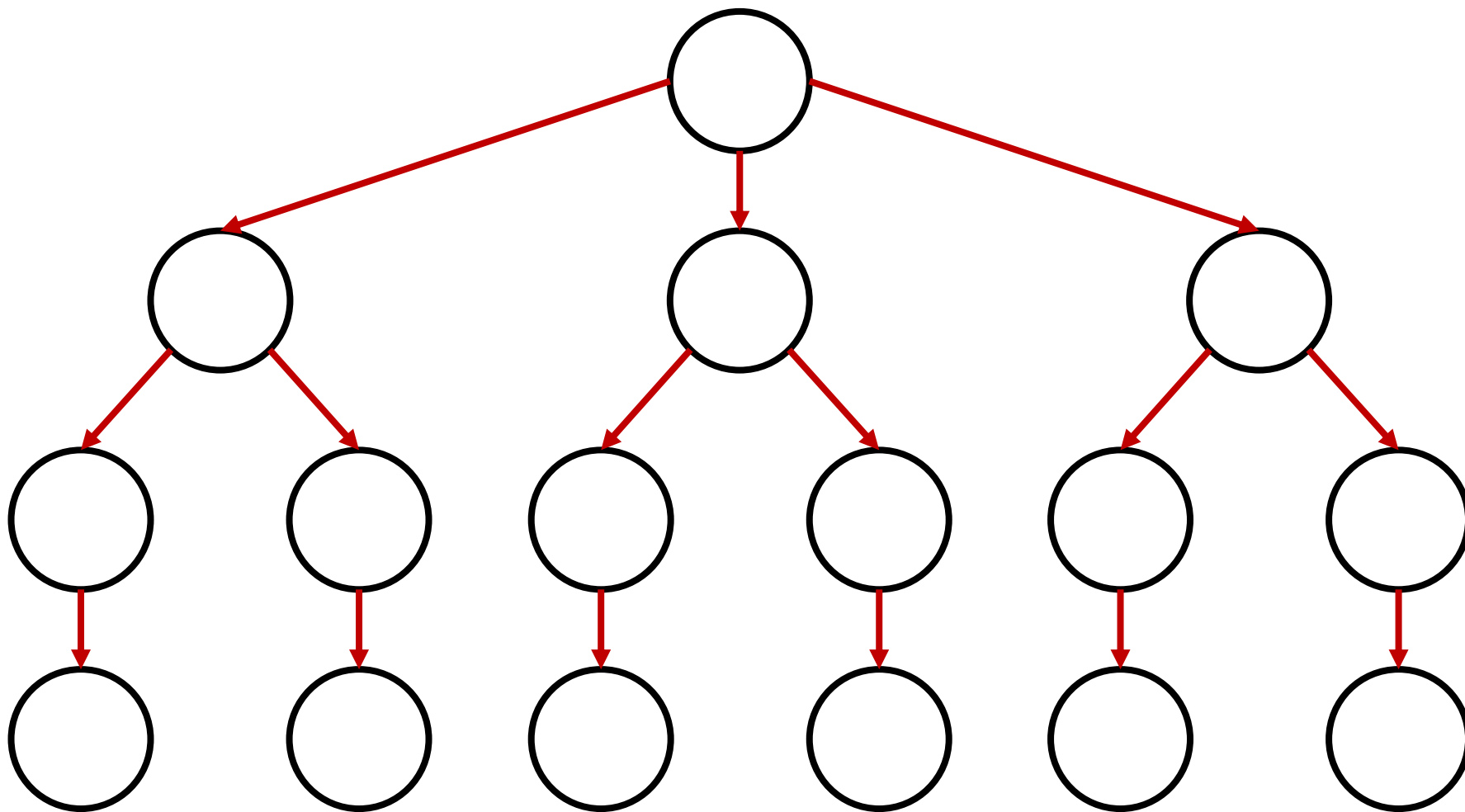


第八讲： 字符串变换-P1032

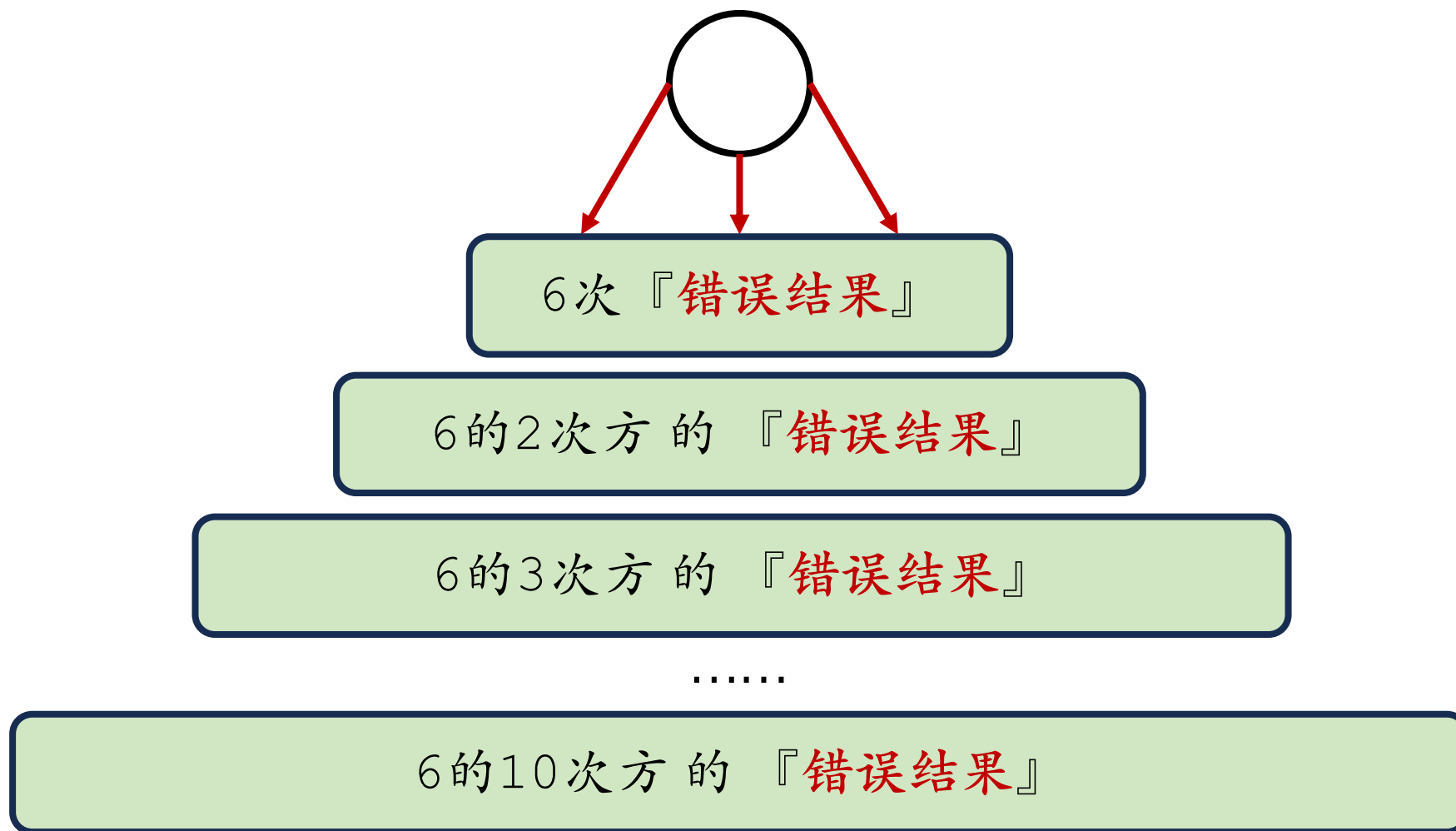
胡船长

初航我带你，远航靠自己

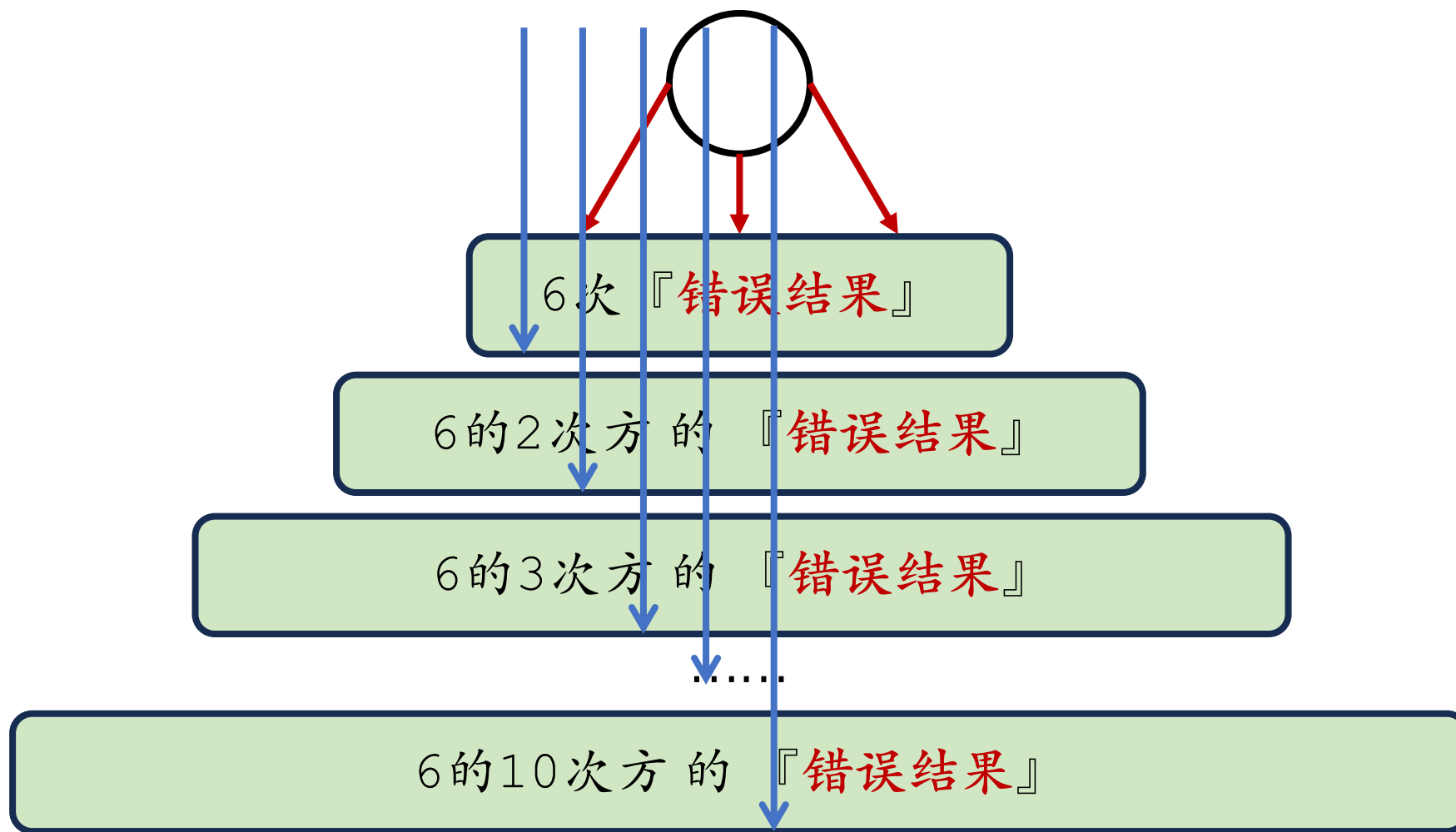
一、问题搜索树



一、问题搜索树



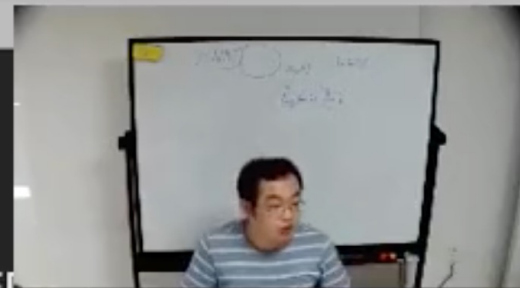
二、优化：迭代加深



二、优化：迭代加深

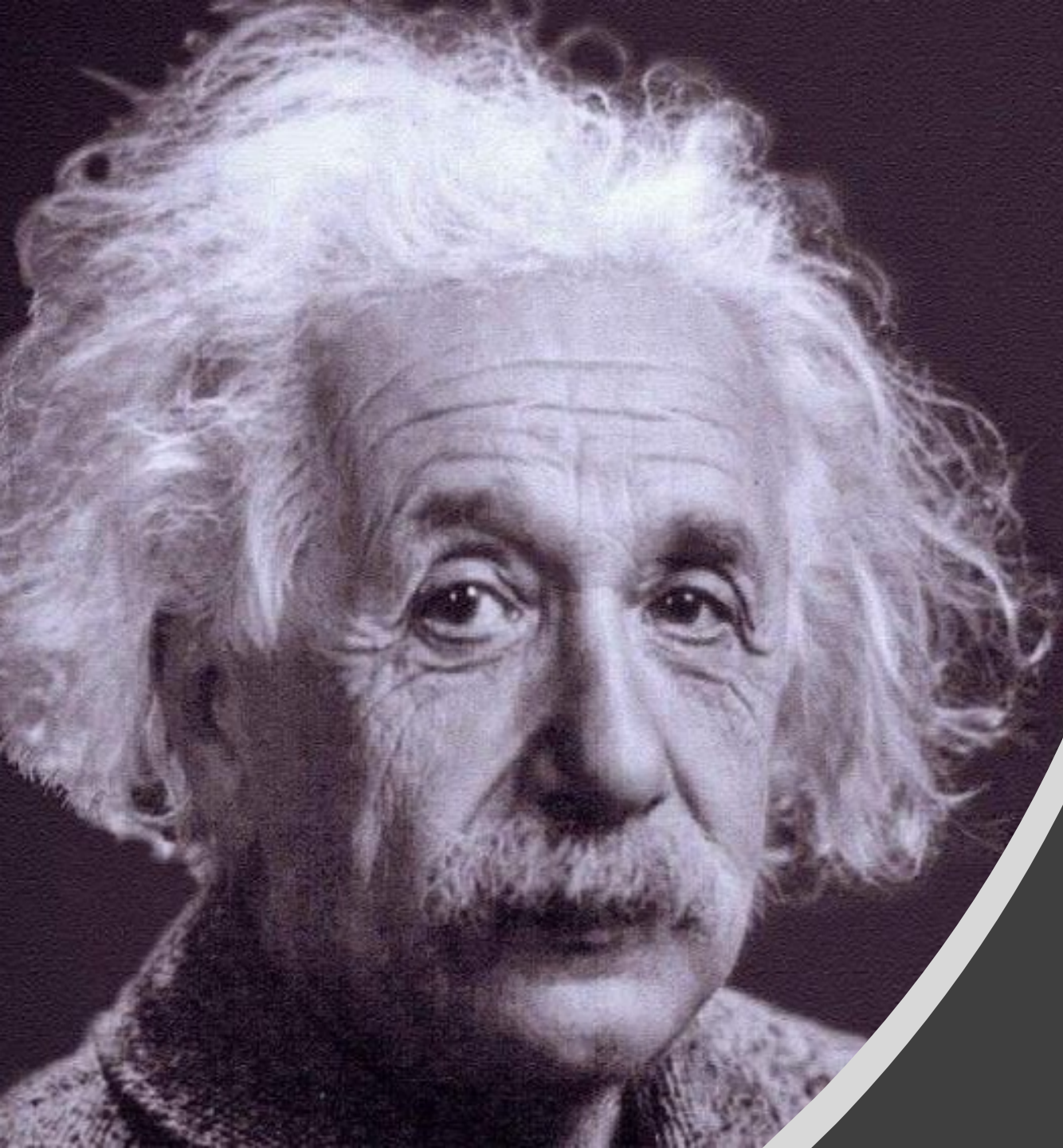
$$6^{10} \quad \text{大概率大于} \quad 6 + 6^2 + 6^3 + 6^4 + \dots + 6^{x-1} + 6^x$$

```
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
53     } else {
54         if (!hasRedChild(root->rchild)) return root;
55     }
56 }
57
58
```



字符串变换-P1032：代码演示

```
61 Node *__insert(Node *root, int key) {
62     if (root == NIL) return getNewNode(key);
```



为什么
会出一样的题目？