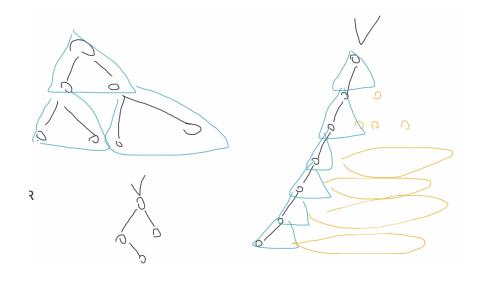
Phill-DS-0320

AVL tree - Adelson V L

高度平衡的二元搜尋樹 → efficiency (不能有空隙, 計算量會增加)



$$T \in AVL$$

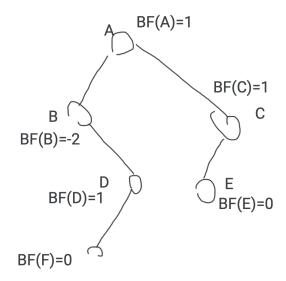
$$T_L,T_R\in AVL$$

$$|h_L - h_R| <= 1 o$$
 balanced

balance factor 平衡因子 BF → 針對某一個節點的高度計算結果 → BF(n), n→ node

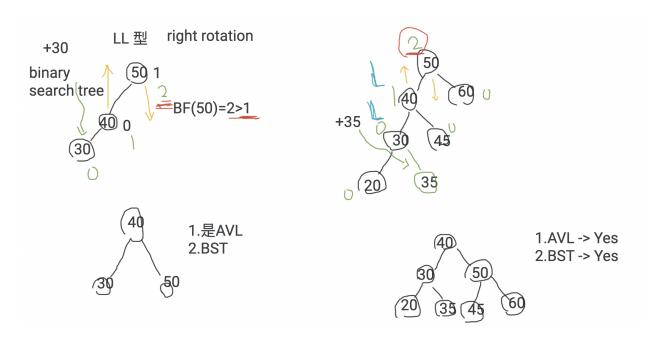
Phill-DS-0320

$|BF(n)| \le 1 \to -1, 0, 1$



AVL tree 加入 node

LL type



RR type

RR 型

