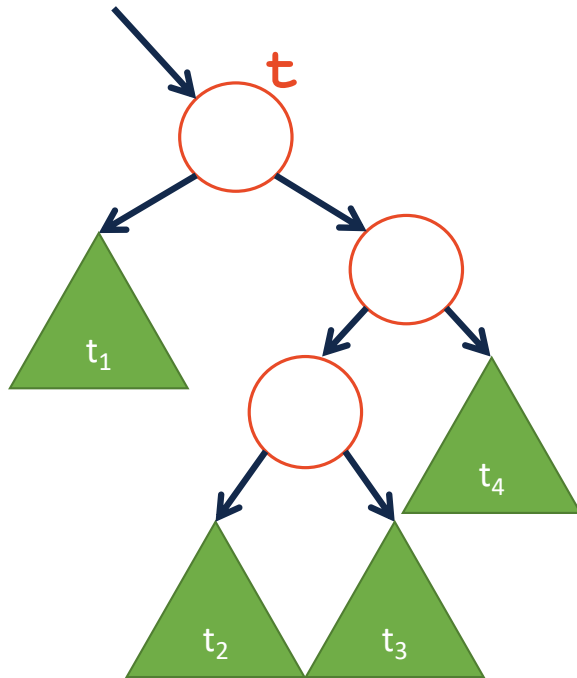# Finding the Rotation on Insert

Theorem:
If an insertion occurred in subtrees t_2 or t_3 and a subtree was detected at **t**, then a _____ rotation about **t** restores the balance of the tree.

We gauge this by noting the balance factor of **t->right** is _____.