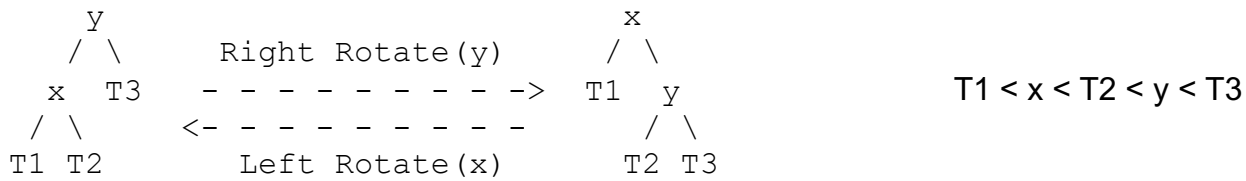
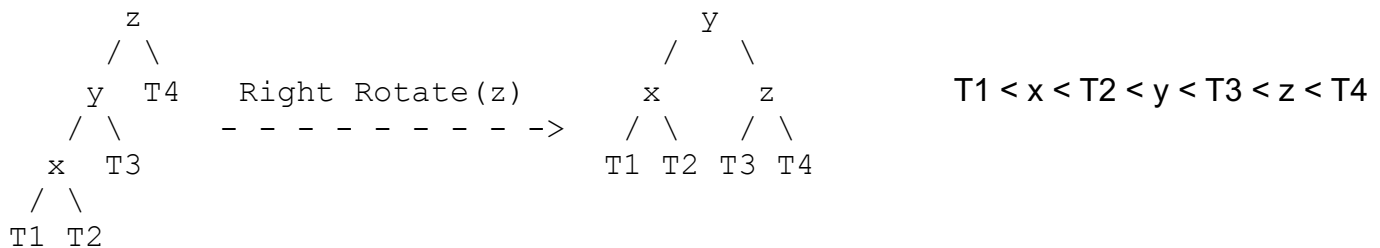


AVL Tree

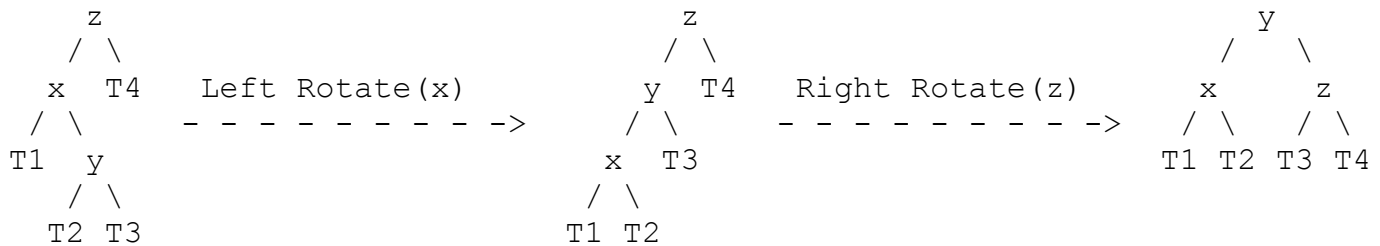
modified from the original...
[geeksforgeeks.org/insertion-in-an-avl-tree](https://www.geeksforgeeks.org/insertion-in-an-avl-tree)



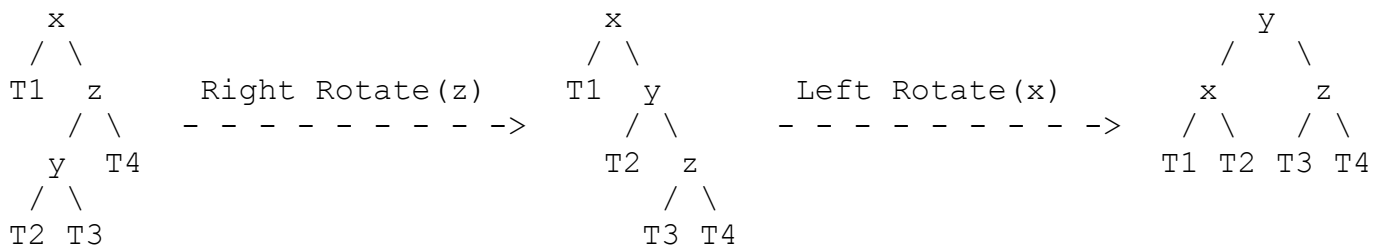
Left-Left



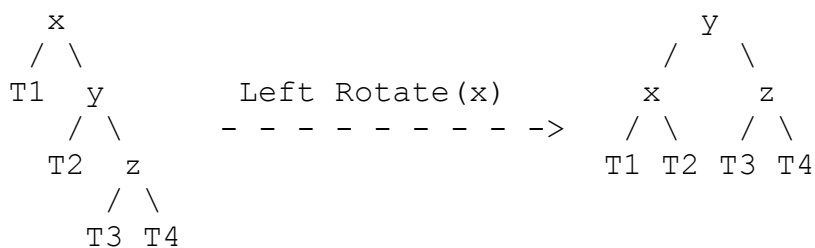
Left-Right



Right-Left



Right-Right



Balance factor = $\text{Height}_{\text{Right}} - \text{Height}_{\text{Left}}$

Root balance factor ± 2 "heavy"

Child balance factor ∓ 1 "skew"