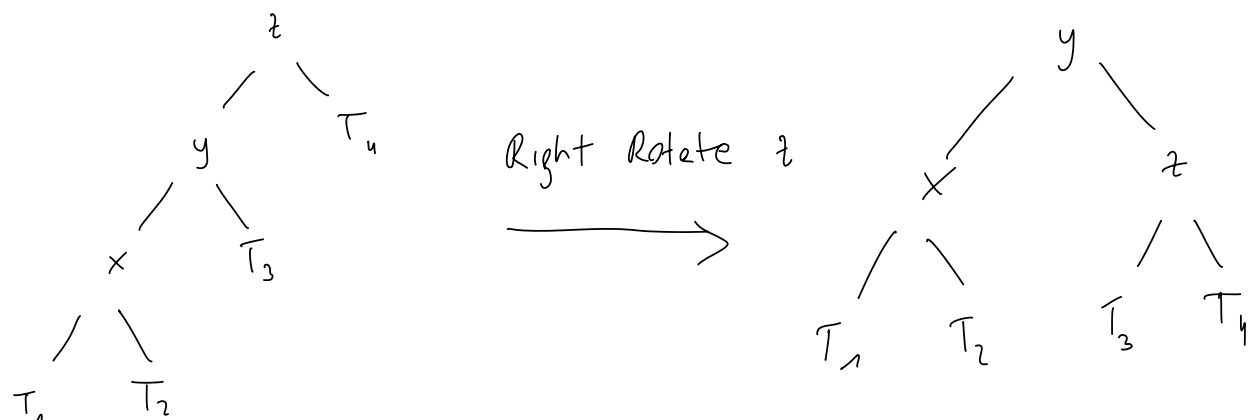


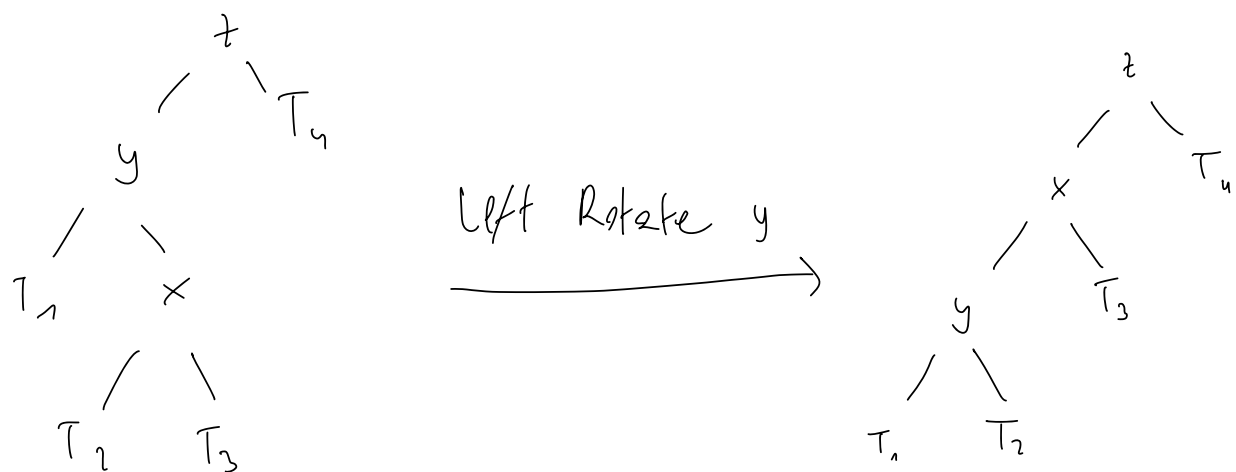
Let T_1, T_2, T_3, T_4 denote subtrees.

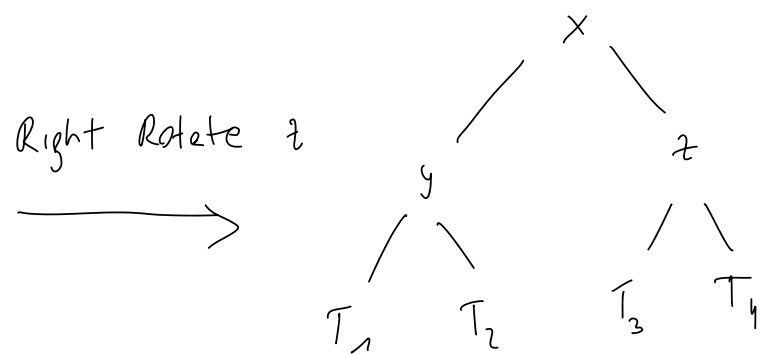
AVL - Tree insertion case):

Left Left:

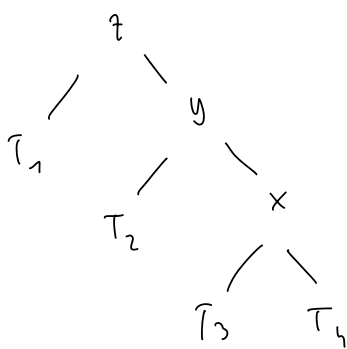


Left Right:

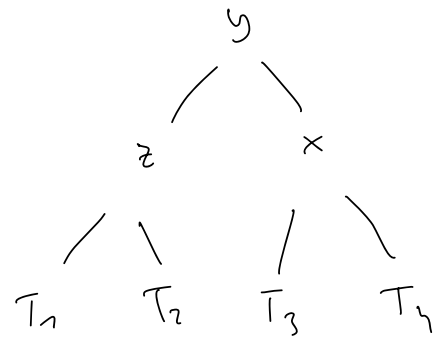




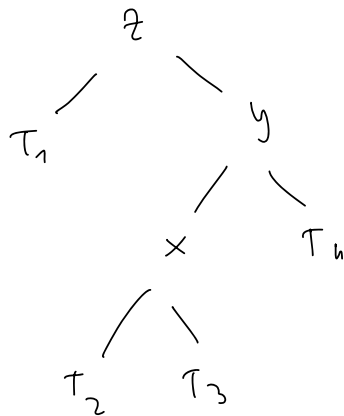
Right Right:



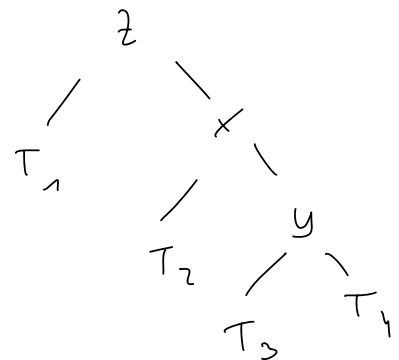
Left Rotate z



Right Left:



Right Rotate y



Left Rotate z

