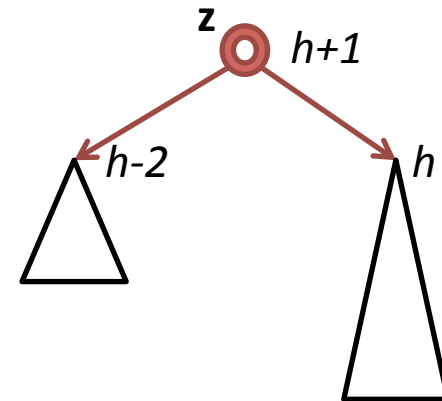
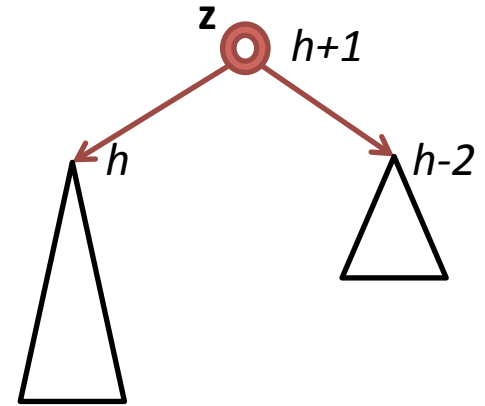
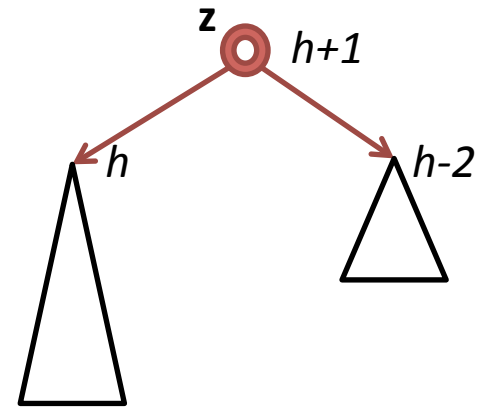


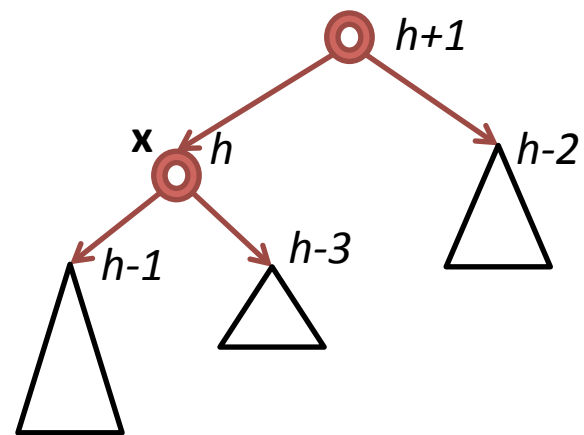
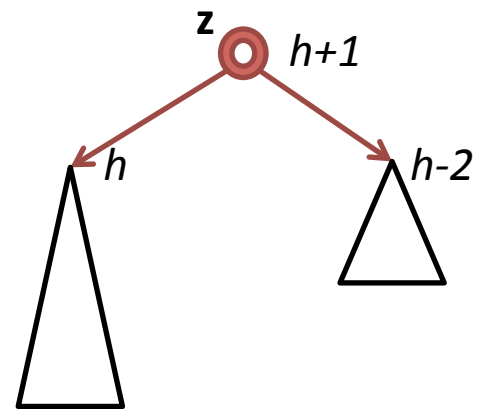
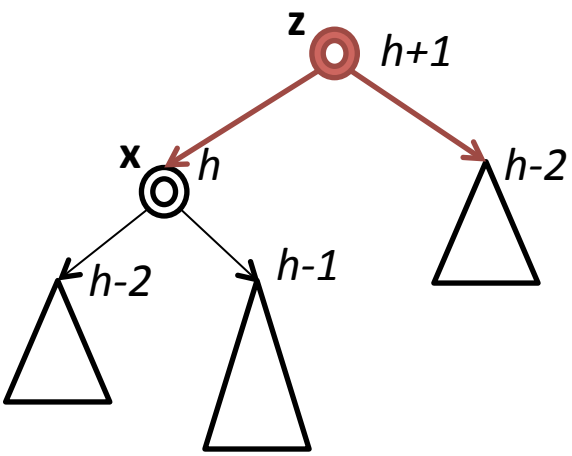
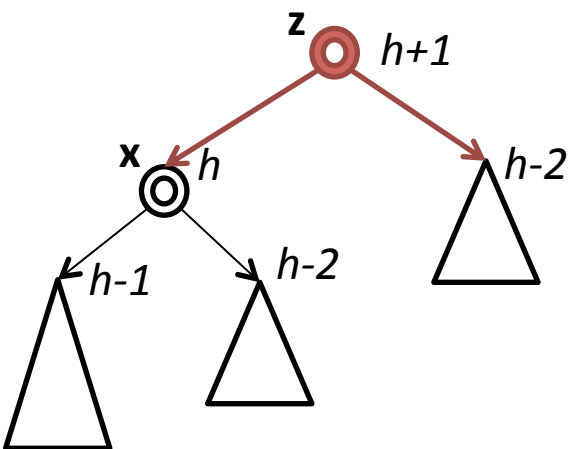
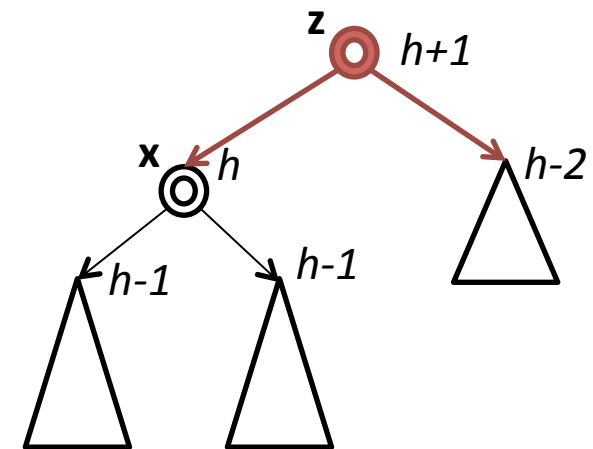
Rebalancing AVL trees

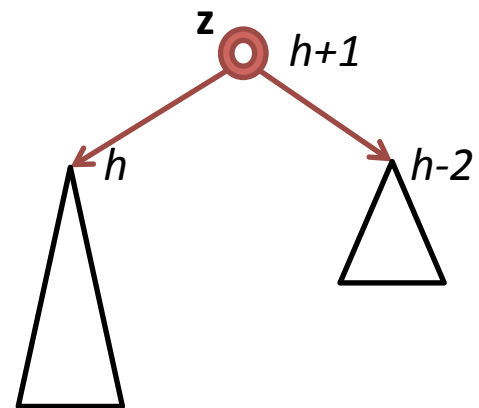
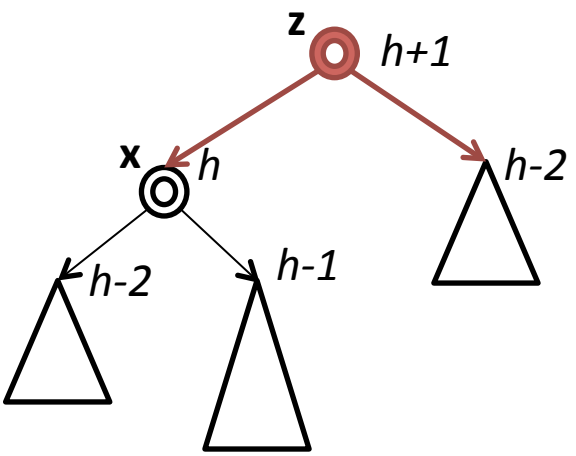
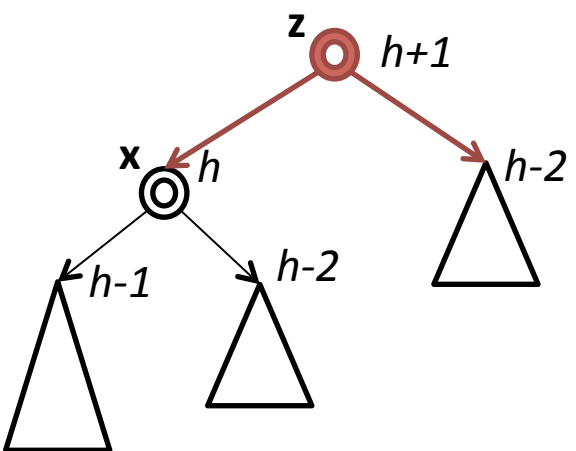
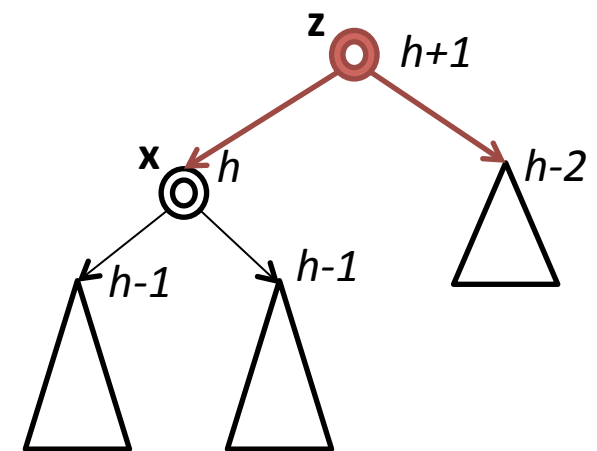
Rebalancing AVL trees

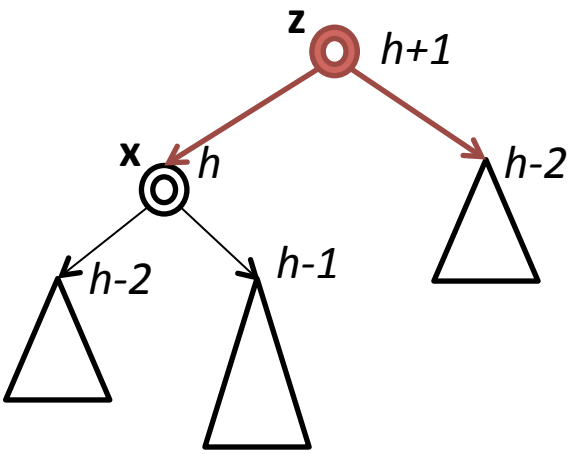
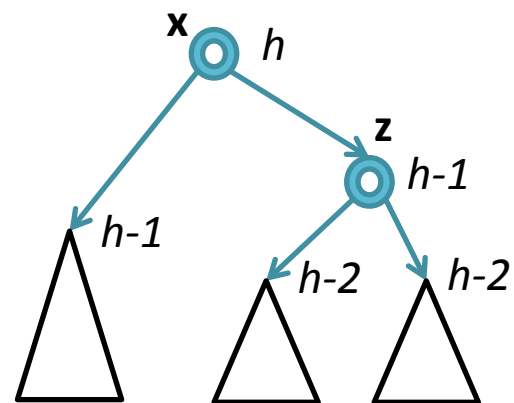
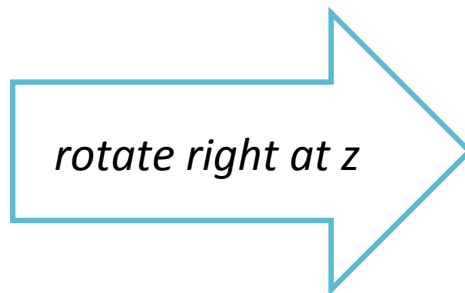
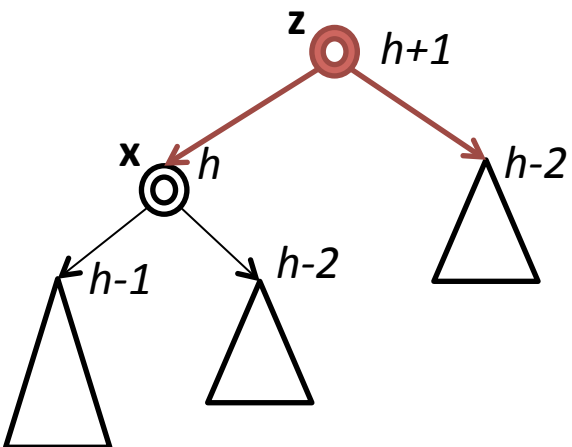
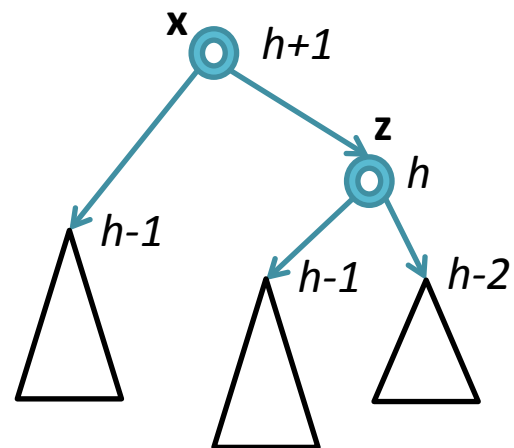
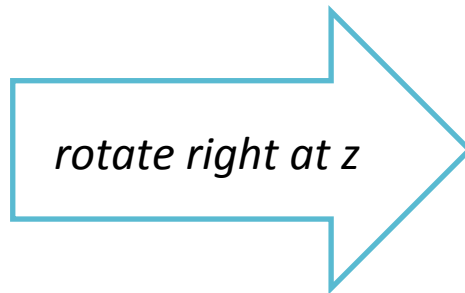
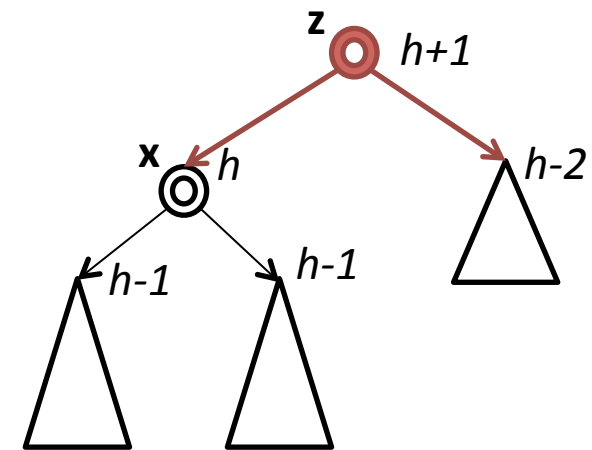


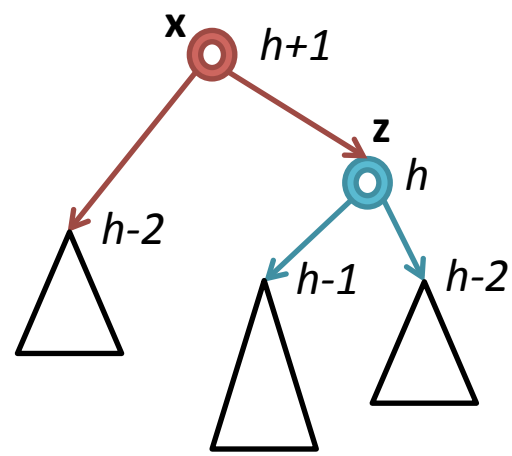
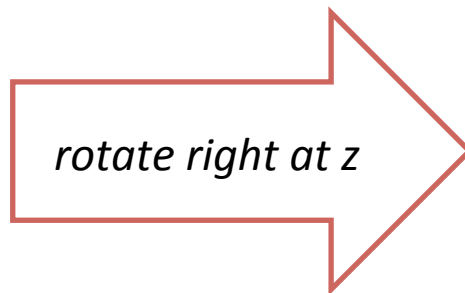
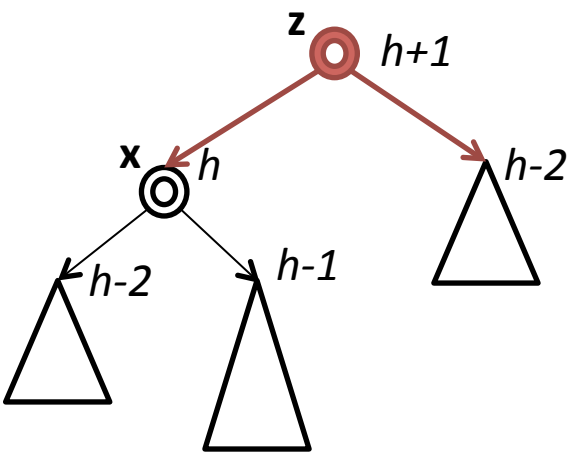
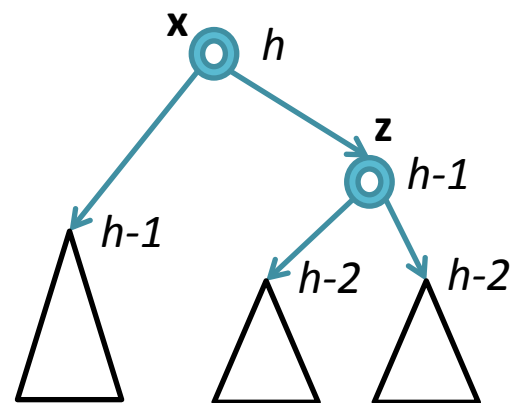
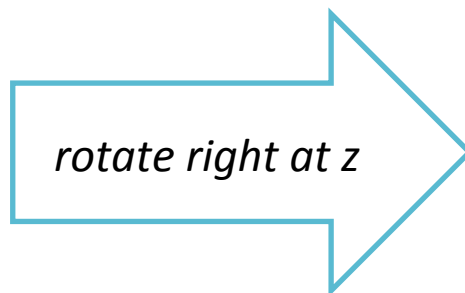
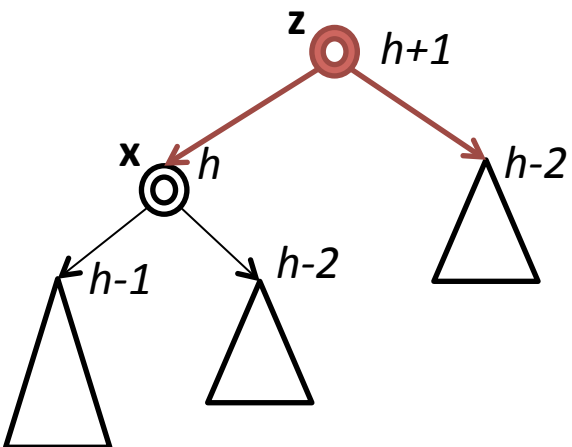
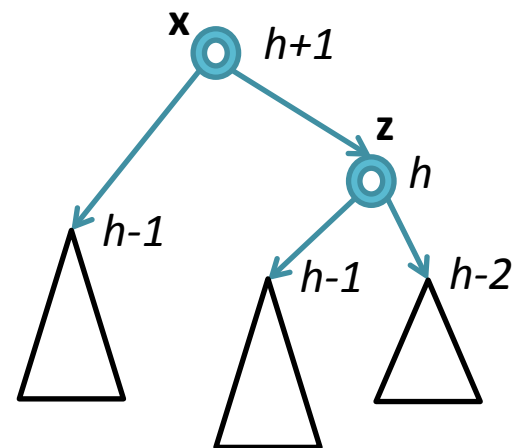
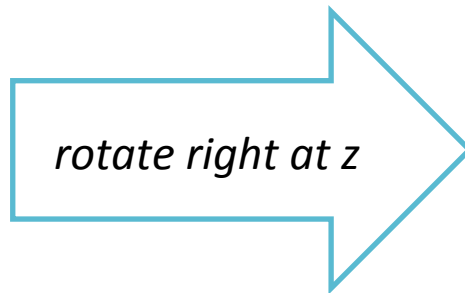
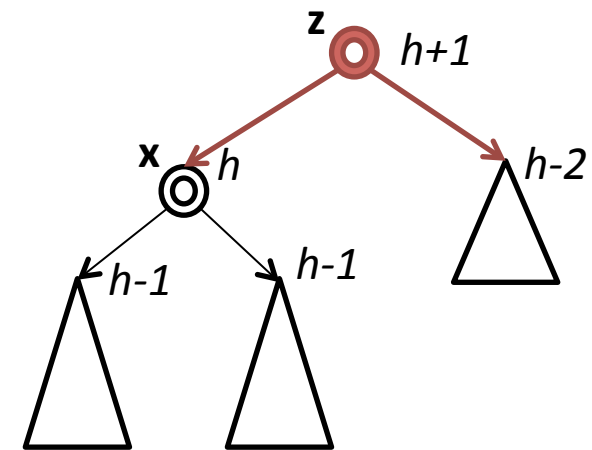
(the red nodes  violate the AVL height invariant)

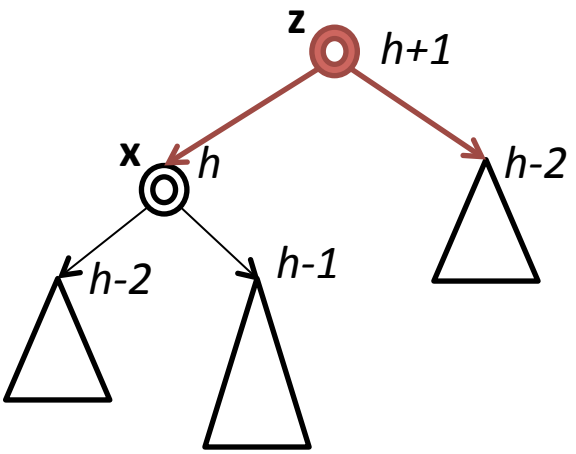


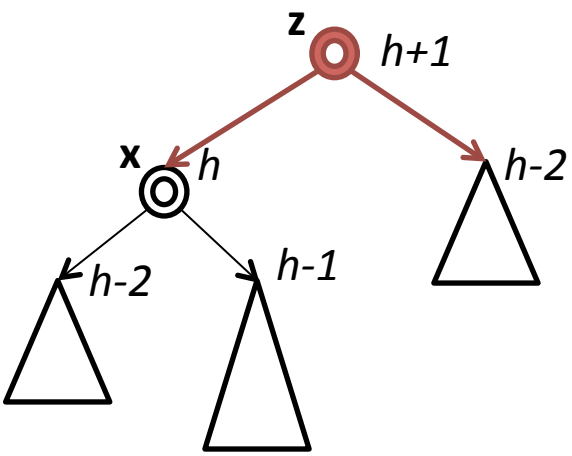
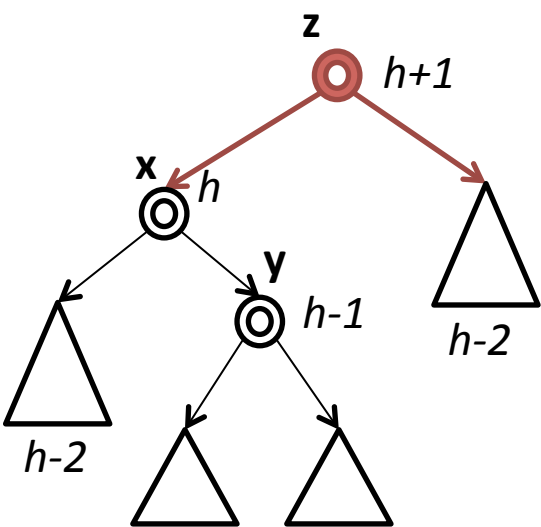


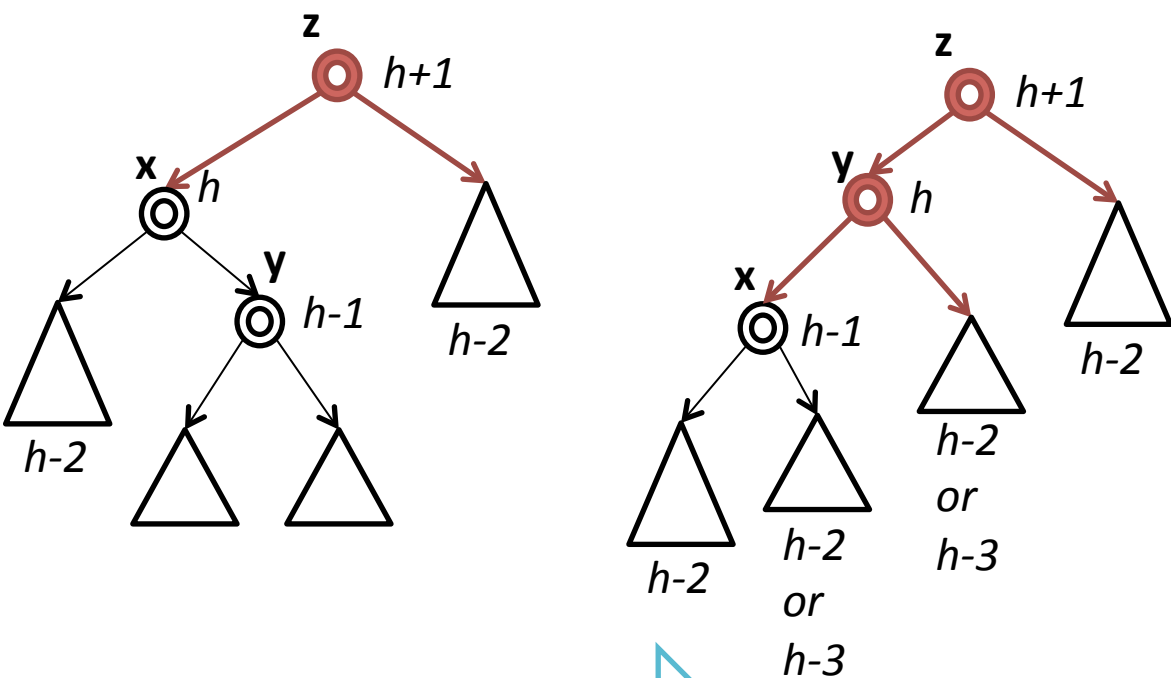












rotate left at x

