

Insert function :  $O(\log n)$

deleteByCopying function :  $O(\log n)$

rotateLeft, rotateRight, rotateLeftRight, rotateRightLeft functions :  $O(1)$

computeHeight function:  $O(1)$

balance function :  $O(1)$

checkBalance function :  $O(n)$

deleteAVLTree function :  $O(n)$

buildAVLTree function :  $O(n \log n)$

insertNodeAVL function :  $O(\log n)$

deleteNodeAVL function :  $O(\log n)$