

Data Structures

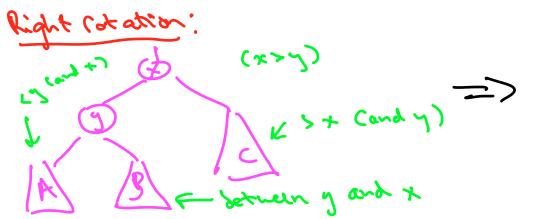
Rotations

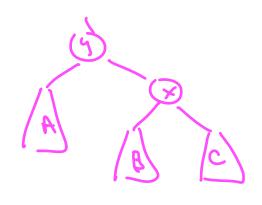
Design and Analysis of Algorithms I

Left Rotations

Very prinitive: rotations. C common to all balanced search tree implementationsred-Slack, AVL, B+, etz.) Idea: locally rebalance subtrees at a note in our time. eft rotation: (of a parent x and right child y) all rotations invoked on parent child pair in BST. if right child of parent use left rotation. if left child use right rotation

Right Rotations





Mice properties: search tree property mointain, can imple ment in OCI) time.