

Data Structures

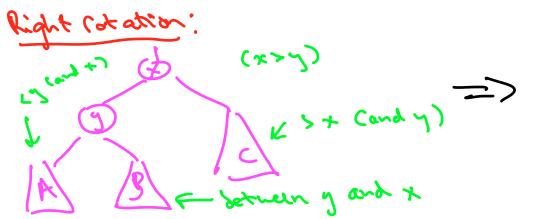
Rotations

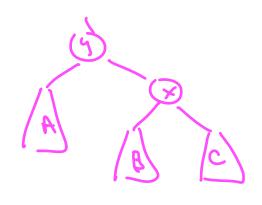
Design and Analysis of Algorithms I

Left Rotations

Very prinitive: rotations. C common to all balanced search tree implementationsred-black, AVL, B+, etz.) Idea: locally rebalance subtrees at a note in our time. Left rotation: (of a parent x and right child y)

Right Rotations





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