

Binary Search Tree Search Process

This document presents the step-by-step search process in a Binary Search Tree (BST). The search operation is visualized for each step, with the target node highlighted in **magenta** if found. The steps show how the search operation proceeds through the tree based on the BST properties.

Initial Tree Structure

The initial structure of the BST before the search begins is shown below:

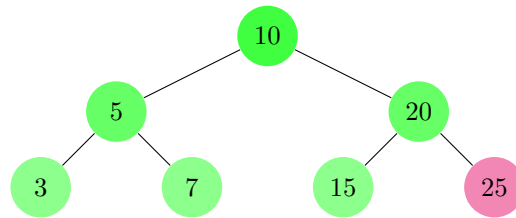


Figure 1: Initial Tree Structure

Search Steps

Each step below represents a node comparison during the search operation. The tree is visualized at each step, and the current node being compared to the target is highlighted. If the target node is found, it is highlighted in **magenta**.

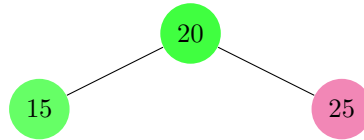


Figure 2: Step 1: Node comparison



Figure 3: Step 2: Node comparison