

Data Structure and Algorithms:11

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1 Part A

In first green line is RB tree, blue line is AVL tree.

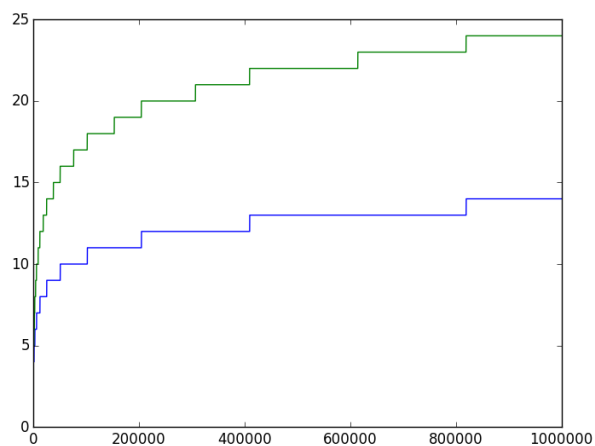


Figure 1: Height

Timing

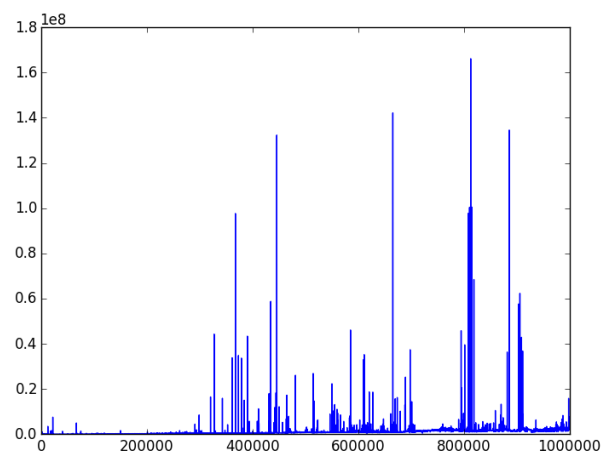


Figure 2: AVL Tree time

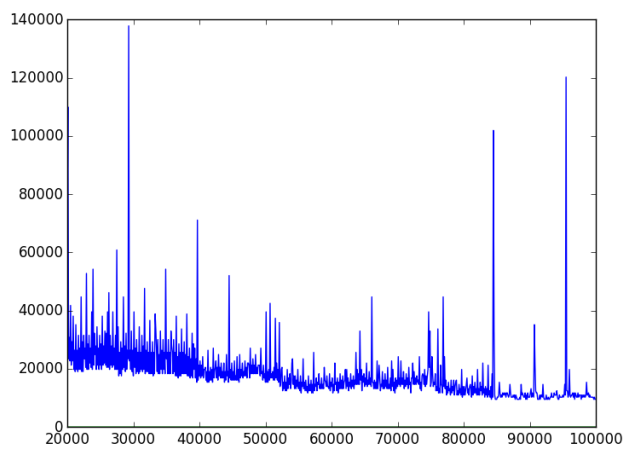


Figure 3: Red Black Tree time

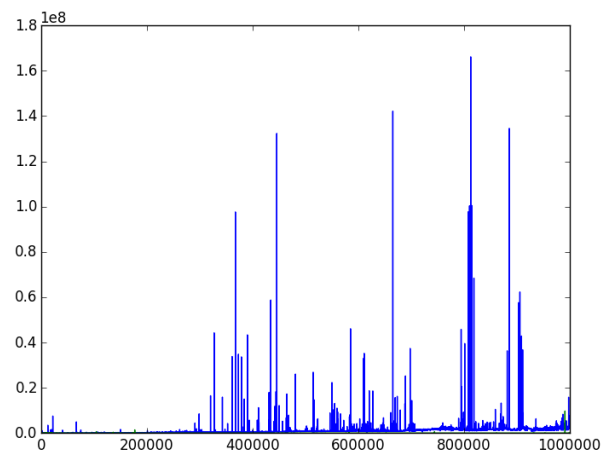


Figure 4: Common time