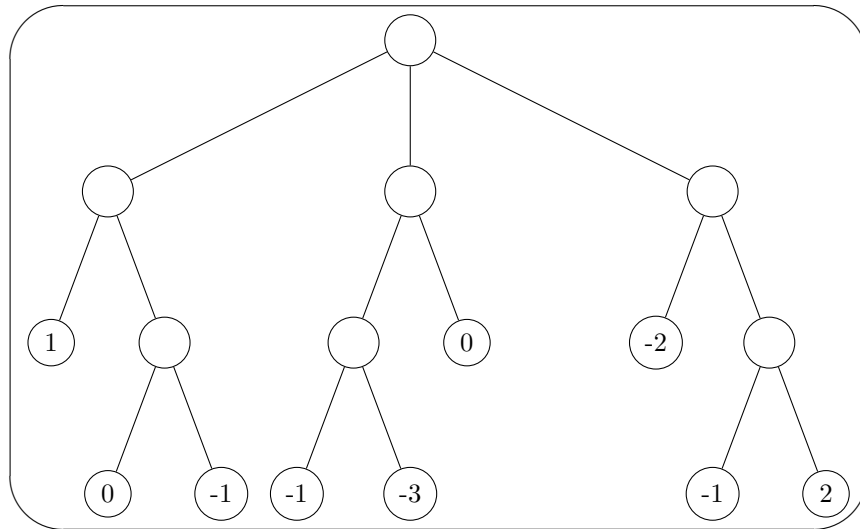


Honors Homework 1: MiniMax and Alpha Beta Pruning

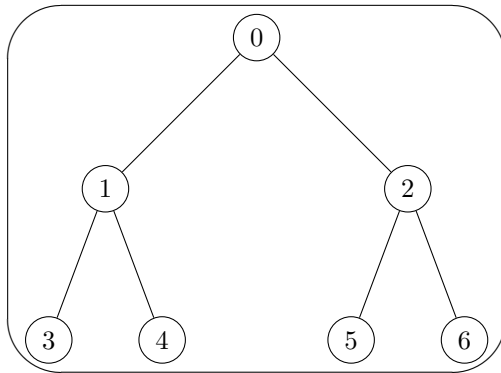
CMSC 250H

Due Date: HARD DEADLINE-Monday Feb 1 9:00AM



The Tree above is used for 1 and 2:

1. Run Minimax on the Tree. Give the final value (Maximize the Root).
2. Run Alpha Beta Pruning on the Tree (Maximize the Root). Give the final $[\alpha, \beta]$ at each node, the final value, and show which branches are pruned.
3. Give the following Tree Traversals on the Tree



- (a) Pre-Order:
- (b) In-Order:
- (c) Post-Order: