

CS3243 Midterm

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Announcements

1. Assignment 5 scores are now on turnitin, please check.
2. Mark your attendance.
3. Prof. Daren's Module Policy for releasing of midterms:
 1. Midterm paper will not be shared in electronic form
 2. Your papers is scheduled to be released back instead in Week 10.
 3. No distributing slides of the questions/answers.

Previously from T06, Q1

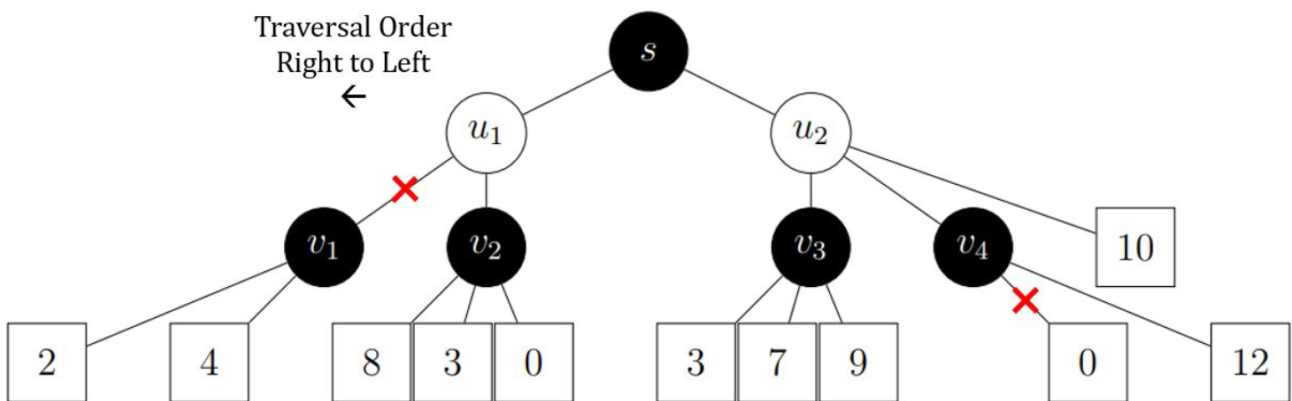


Figure 1: Q1a

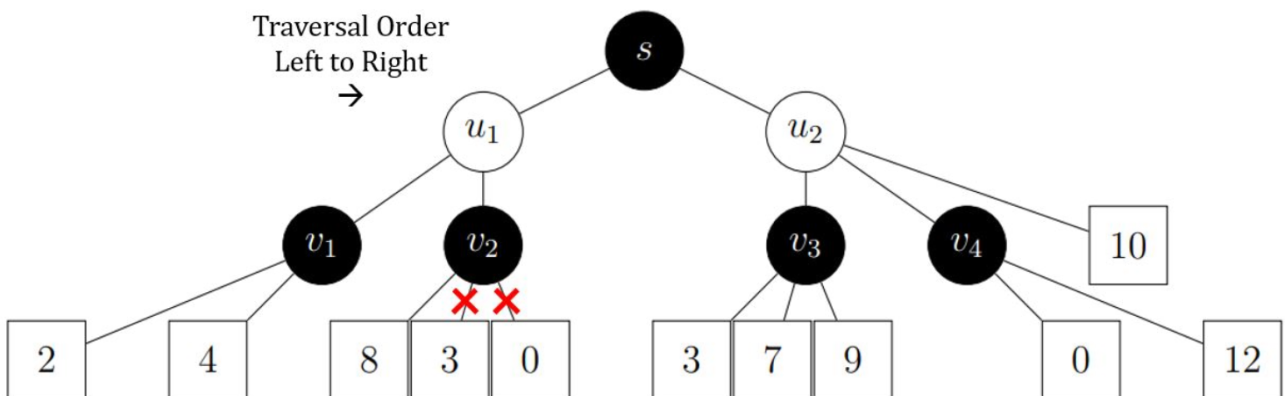


Figure 2: Q1b

Run through the α - β :

1. Right to Left
2. Left to Right

Then determine if the effectiveness of pruning depends on iteration order.

Recap

1. What does α - β do?
2. What kind of efficiency do you gain?
3. What is deep cutoff?

Save on static evaluation and move generation.

Bonus Qn

1. Trace (also using code) a large tree to see the full capability.
2. How can we benefit from α - β 's efficiency?

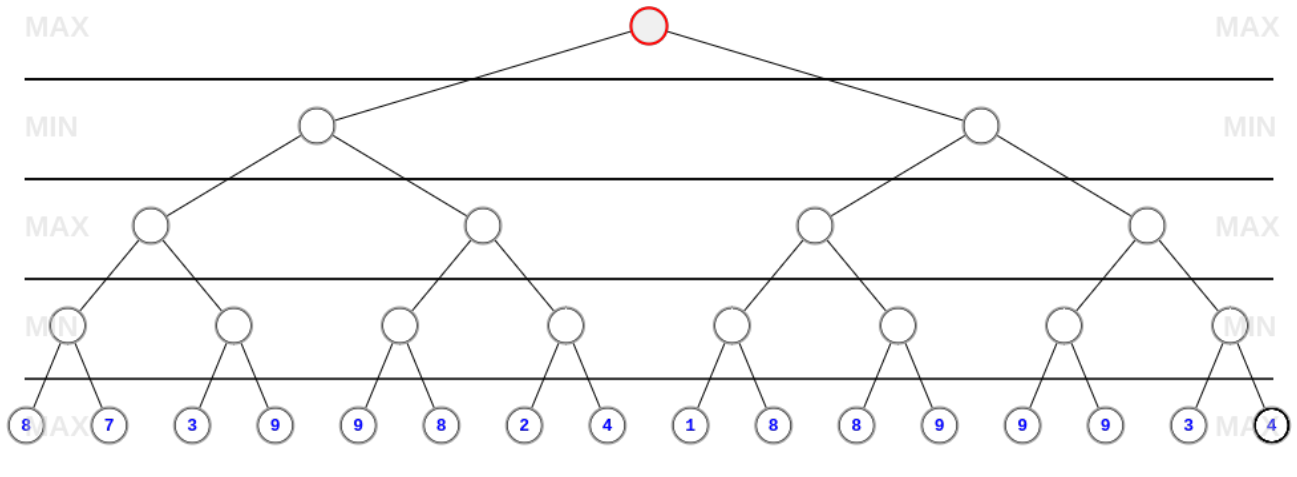


Figure 3: Alpha-Beta Example (Credit MIT)