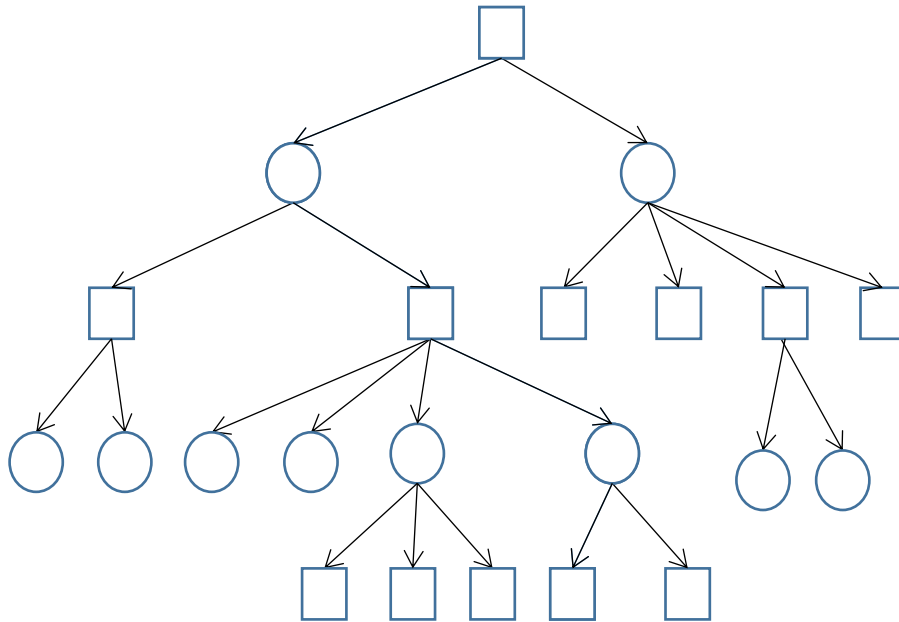
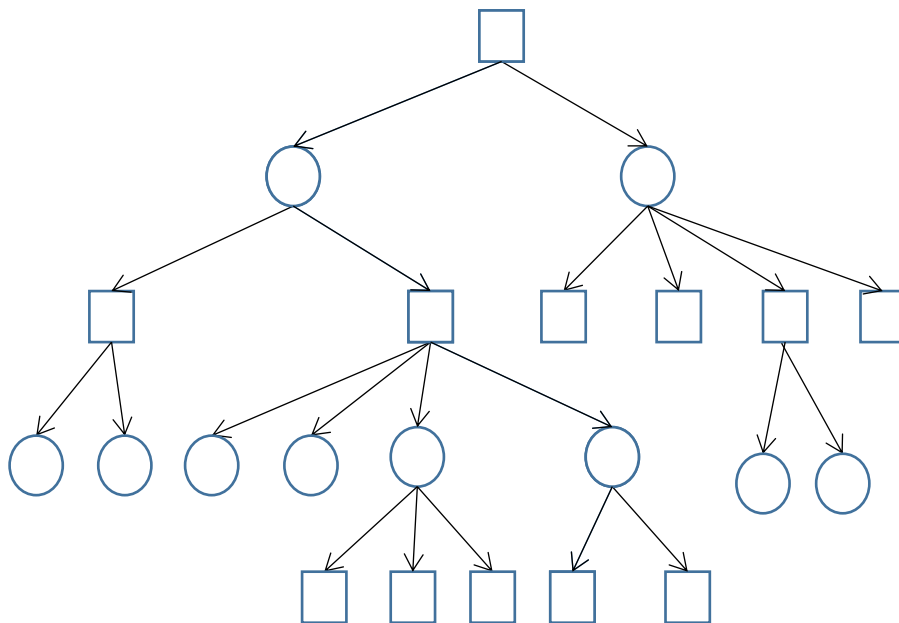


Homework #8 of the course: Theory of Computer Games.

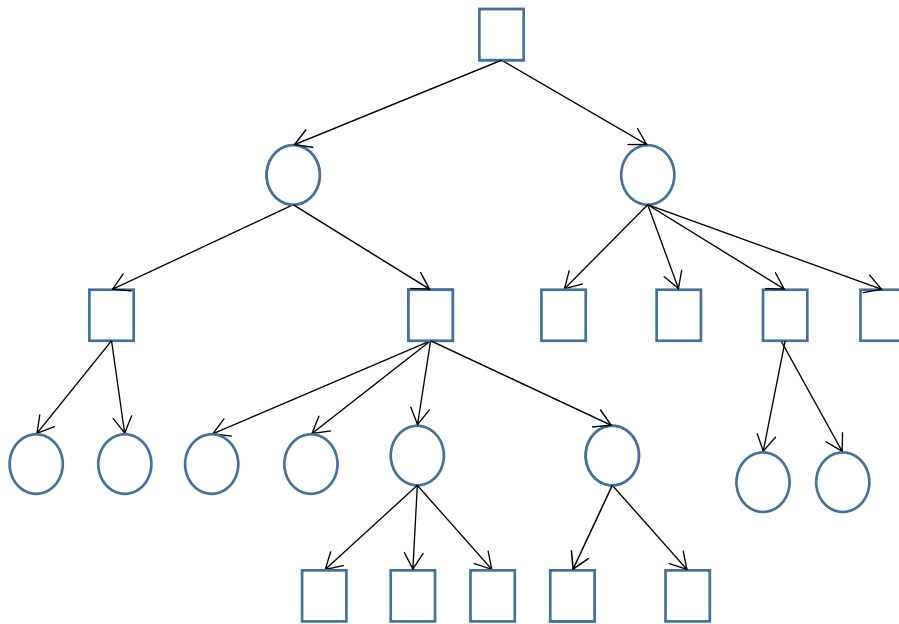
1. For the following search tree, assume that proof/disproof numbers of all leaf nodes are 1/1.
 - a. Show proof/disproof numbers on each node.
 - b. Find the most proving node.



- c. Assume that the node found in b is a win ($0/\infty$). Show proof/disproof numbers on each node after evaluating it.
- d. Find the next most proving node after Step c is completed.

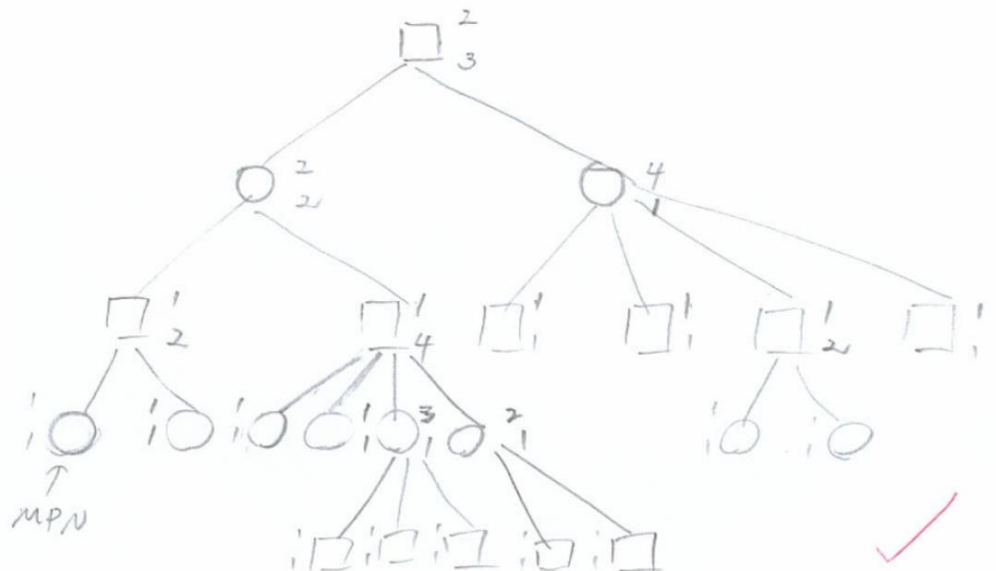


- e. Assume that the node found in d is a loss ($\infty/0$). Show proof/disproof numbers on each node after evaluating the node.
- f. Find the next most proving node after Step e is completed.



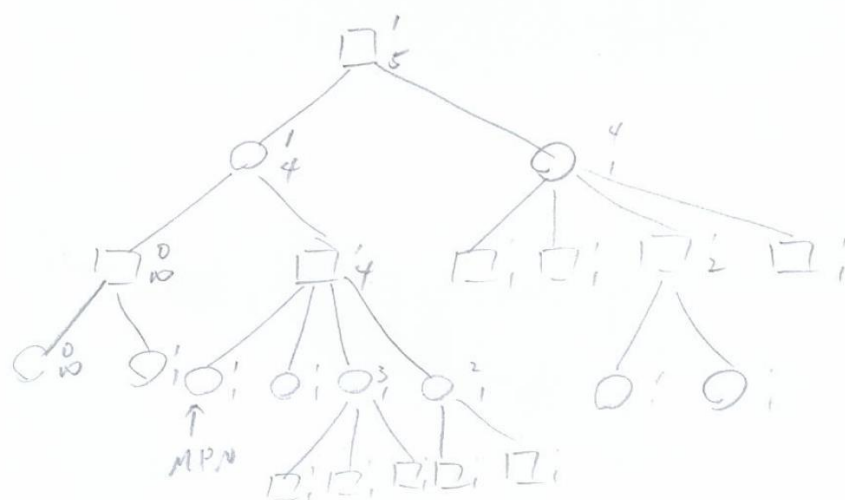
1.
(a) (b)

110



2.

(c) (d)



3.

(e) (f)

