

>> Deep Green does not use minimax >> Deep Green(s) is the function we rnow >> The required Pseudo code function MINIMAX-DECISION (State) weturn an action imputé: state. return the a in ACTIONS (state) maximizing Deep hreen More (state) function MAX-VALUE (state) returns a utility volu if TERMINAZ- TEST (State) then veturn UTILITY (state) for a, s in successors (state) do vc- MAX (v, Dee) Green More (5))

return

function Deep Green More (state) returns a whility value

if TERMINAC - TEST (state) then return

UTILITY (state)

In a, s in successors (state) do Nove (Man Value (c)) return v.

Since the Deep Green More (e) can

provide us enough information about

the next more, it is much more

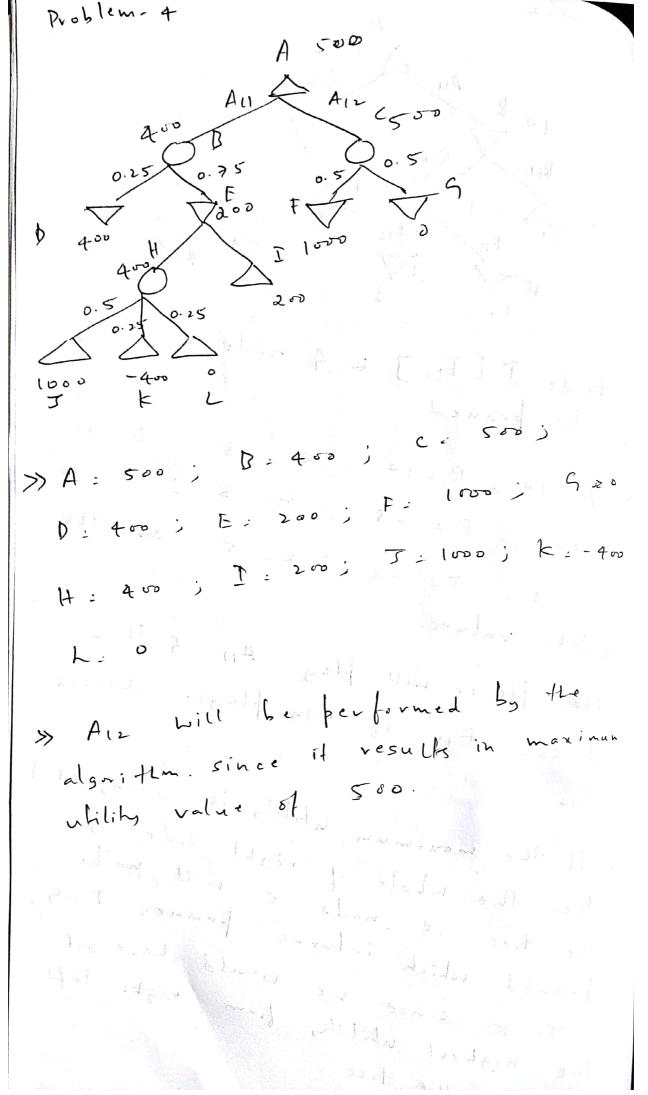
of timal to use this algorithm since

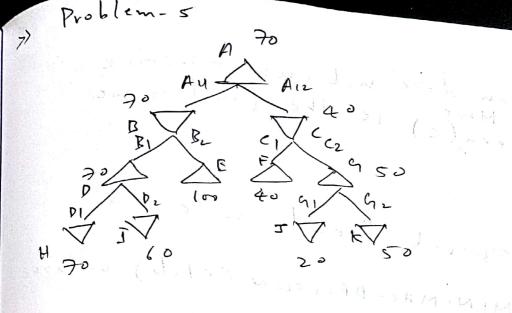
of timal to use this algorithm since

it will de finelly have less time

complexity, since it need not

calculate the values. of the offenent.





suppose the openent also uses hinimax algorithm, then the best more A could make was All where he would be guaranteed to whility value.

- Best possible outcome might be if

 R chooses Bz which results in the

 Whility value of 100 for MAY player.
- Marst possible outcome is 70 since

 Max player uses MINIMAX algorithm,

 Max player uses MINIMAX algorithm,

 Le would go with All since he doesn't

 know about the offonent's also. It would

 know about the offonent's the worst cose.

 Chrose (70) R. which is the