<u>Game Theory and Recreational Mathematics</u>
/ <u>Week 4: Game tree search</u>/ Minimax: Noughts and Crosses

Minimax: Noughts and Crosses

Analysis of a Noughts and Crosses game position

We write out all possible moves in a game tree (each player taking turns), then score the end games +1 for a Cross win, -1 for a Nought win, and 0 for a draw. Finally, we apply the minimax algorithm to find the optimal next move for the current position (at the top of the tree).

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