

Tablut Challenge 2020 - MarenTablutAI

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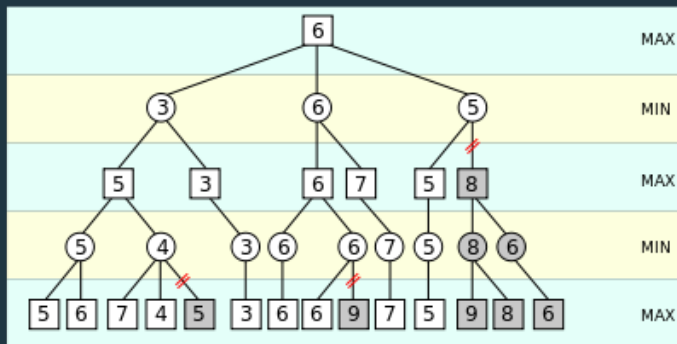
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MSc Artificial Intelligence



Adopted Strategy

Alpha-beta pruning



White Player - Heuristic

Positive weights:

- + whiteVictory
- + numOfWorkPawns
- + numFreePathsFromKing
ToEscape

Negative weights:

- numOfWorkPawns
- minManhattanDist
FromKingToEscape
- numOfWorkPawns
NextToKing

Black Player - Heuristic

Positive weights:

- + blackVictory
- + numOfBlackPawns
- + minManhattanDist
FromKingToEscape
- + numOfBlackPawns
NextToKing

Negative weights:

- whiteVictory
- numOfWhitePawns
- numFreePathsFromKing
ToEscape