

Heuristic Analysis

This work presents 3 heuristics for achieving better performance than the `ID_Improved` agent. Each one increases the complexity in terms of computation and implementation. Let's analyze each one:

Center moves

Intuition

The more moves at the center this player has, the better the outcome of the game will be.

Implementation

This function simply subtracts the opponent's center moves from the player's center moves. Center moves are defined as the inner **3x3** rectangle of the board.

Center moves with blank spaces

Intuition

Same as the above but we scale according to the available blank squares.

Implementation

Call `center_moves()` and divide the result by the number of blank squares.