

Alma Mater Studiorum – Università di Bologna



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Black Heuristics

BLACK ALIVE (30 % Influence)

Number of black pawns

WHITE EATEN (40 % Influence)

Number of white pawns eaten by our player

NEXT WHITE WINS (18 % Influence)

It provides information about free rows or columns which allow king to escape

NEAR KING (10 % Influence)

Number of black pawns which surround the king

RHOMBUS (3 % Influence)

Rhombus-shape configuration used to block escaping tiles

 The returned values of these characteristics have been normalized between 0 and 1 to have the most accurate and the clearest evaluation of states



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White Heuristics

BEST POSITION (2 % INFLUENCE)

Preferable white positions in the first stages of the game

BLACK EATEN (20 % INFLUENCE)

Number of black pawns eaten by our player

BLACK SURROUND KING (7 % INFLUENCE)

Number of black pawns which surround the king

WHITE ALIVE (35 % INFLUENCE)

Number of white pawns

NUM ESCAPES KING (18 % INFLUENCE)

Number of escape tiles accessible to the king

PROTECTION KING (18 % INFLUENCE)

If king could be easily eaten (2 pawns), it considers white pawn protecting the opposite side and its neighbours



THANKS FOR YOUR ATTENTION

BrAlnmates

