

Experiment 2- AI

Postlab:

1) What is the relationship between tic tac toe and magic square?

A game of Tic Tac Toe could be mapped to magic square. A player who places his coins first across the same row or same column or same diagonal wins the game. Let us take a magic square of order 3x3 (for 3 coins game). The sum of the numbers across rows, columns and diagonals are the same - it is 15.

2) What is a magic square of order n ?

A magic square of order n is an arrangement of n^2 numbers, usually distinct integers, in a square, such that the n numbers in all rows, all columns, and both diagonals sum to the same constant. A magic square contains the integers from 1 to n^2 .