Gokaraju Rangaraju Institute of Engineering and Technology

Department of Computer Science and Engineering

Training an AI to Solve a Maze

Abstract

The Project describes the approach of solving Maze problem with Genetic Algorithm. The method is implemented and found to be effective for the maze structures.The proposed algorithm reflects the process of natural selection where the fittest individuals are selected for reproduction in order to produce offspring of the next generation

The process of natural selection starts with the selection of fittest individuals from a population. The current generation produce offspring which inherit the characteristics of the parents and will be added to the next generation. If parents have better fitness, their offspring will be better than parents and have a better chance at surviving

Keywords:

Artificial Intelligence

Genetic Algorithm

Natural Selection

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