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CMP9132M Programming an AI with Stochastic Actions to solve a MDP problem in a partially and fully observable environment



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environment is a very common occurrence in the maning world. There are many different path finding ligorithms [2] and ways this has been done. From "[9] to Dijstart's algorithm [4]. The aim of this research paper is to take on such a task and use an MOD [7] approach to program an Al to survive asone as possible in arenas of varying sites, whist also one as possible in arenas of varying sites, whist also objective the most both a deterministic and nonteterministic scenario. This is repeated for a partially better the properties of the properties of the properties of the properties of the scenario of the properties of the scenario of scenario

Keywords—MDP, survive, deterministic, planning solutions, observable, Stochastic actions (key words)

Introduction

in order to talk about implementing a path finding algorithm we must into local stome used therminong and words which are integrated into the decision and words which are integrated into the decision many and the state of the

A "fully observable" world is one where we always have access to all the information about the world "all the time". A "partially observable" world is one where we do not have access to all the information about the world all the time (Simon, 2022). We may start off with some information, the rest of which may be acquired year time via exploration, or another means. However, the world was the properties of the prope

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