Coursework1 Report

F29AI - Artificial Intelligence

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OUC CW1 33   2025-11-10

Abstract

This report involves the solutions to the tasks outlined in Coursework 1 for the *F29AI - Artificial Intelligence course*. The main objective of the coursework is to search algorithms and automated planning using $PDDL$.

1 Introduction

2 Procedure

2.1 Part 1 - Solving and Analyzing Sudoku with Search Algorithms

2.1.1 Part 1A

2.1.2 Part 1B

2.2 Part 2 - Automated Planning

2.2.1 Part 2A: Modelling the Domain

2.2.2 Part 2B: Modelling the Problems

2.2.3 Part 2C: Extension

3 Reflection and Analysis

4 Conclusion