

Discrete Mathematics (MATH 308) - Spring 2024  
Course Project - Pathfinding Simulation



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## 1 Introduction

### 1.1 Review

### 1.2 Qualitative Analysis

## 2 Methodology

### 2.1 Theoretical

### 2.2 Implementation

## 3 Results and Simulations

## 4 Conclusion

## References

- [1] Peter E. Hart, Nils J. Nilsson, and Bertram Raphael. A formal basis for the heuristic determination of minimum cost paths. *IEEE Transactions on Systems Science and Cybernetics*, 4(2):100–107, 1968.