











B1. Planning as Search

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Search-based Planning Algorithm Classification

Introduction

Satisficing or Optimal Planning?

Must carefully distinguish two different problems:

- satisficing planning: any solution is OK (but cheaper solutions usually preferred)
- optimal planning: plans must have minimum cost

Both are often solved by search, but:

- details are very different
- almost no overlap between good techniques for satisficing planning and good techniques for optimal planning
- many tasks that are trivial to solve for satisficing planners are impossibly hard for optimal planners





Planning and Optimization



