Search: recap





CS22

Modeling: Transportation example

Example: transportation-

Street with blocks numbered 1 to n. Walking from s to s + 1 takes 1 minute.

Taking a magic tram from s to 2s takes 2 minutes. How to travel from 1 to n in the least time?

Inference

Algorithms

Tree Search

Dynamic Programming

Uniform Cost Search

Programming and Correctness of UCS

A*

A* Relaxations



