

Nondeterministic Search Study Guide

Artificial Intelligence

1 Belief State Search

1. Define belief state.
2. What form does the solution (sequence of actions that leads to a goal state) to an environment with nondeterministic actions take?
3. Is it possible to find a solution to a problem in a sensorless environment?
4. Describe the three-step state estimation procedure used by agents in partially observable environments.