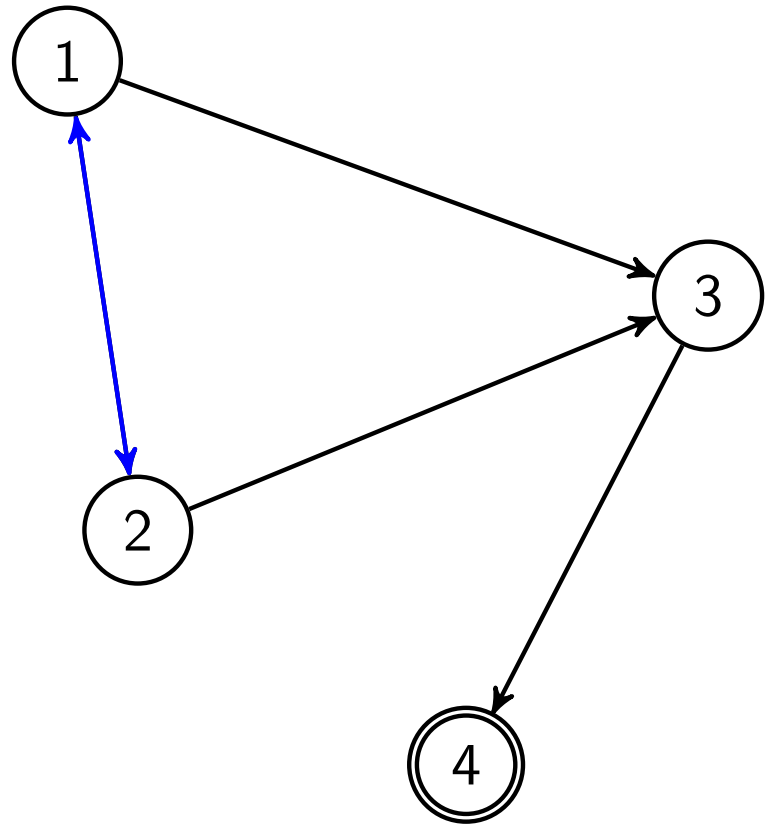
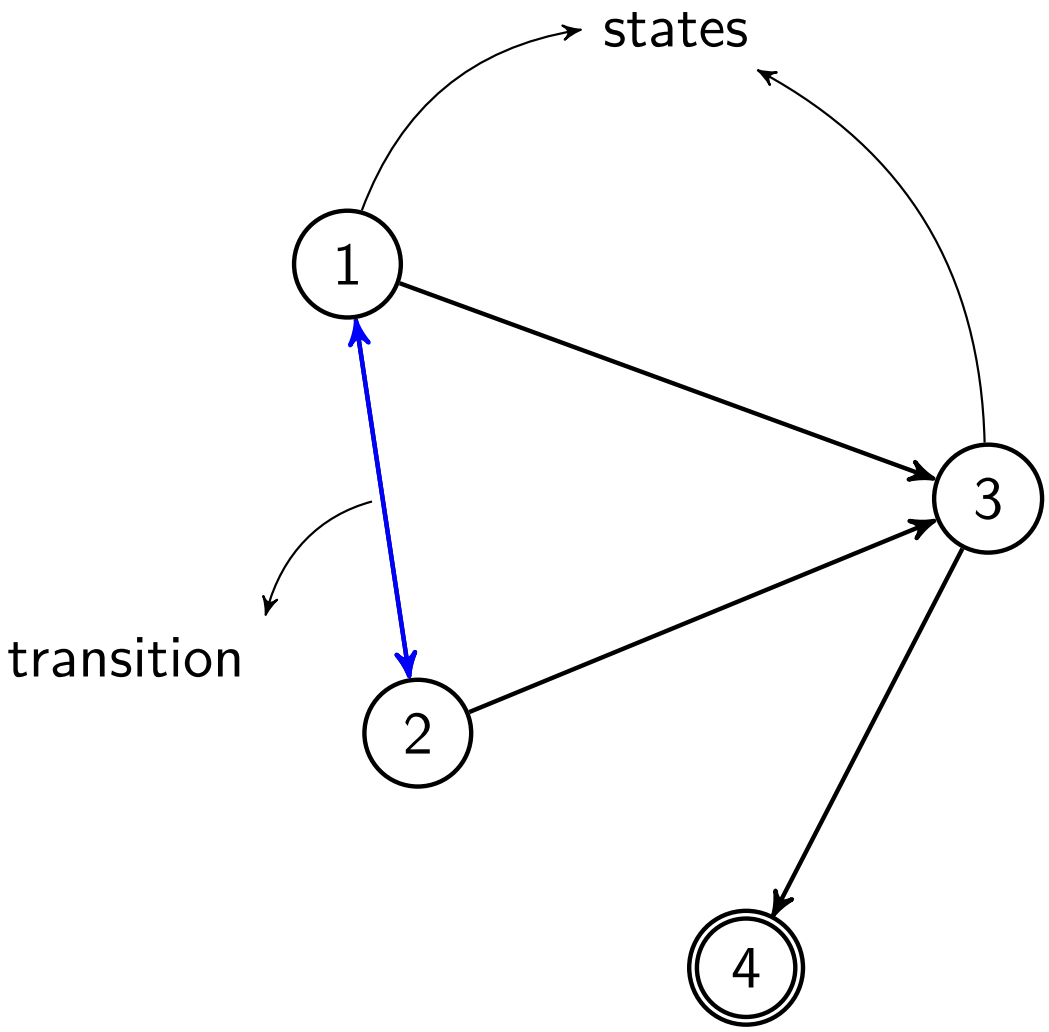
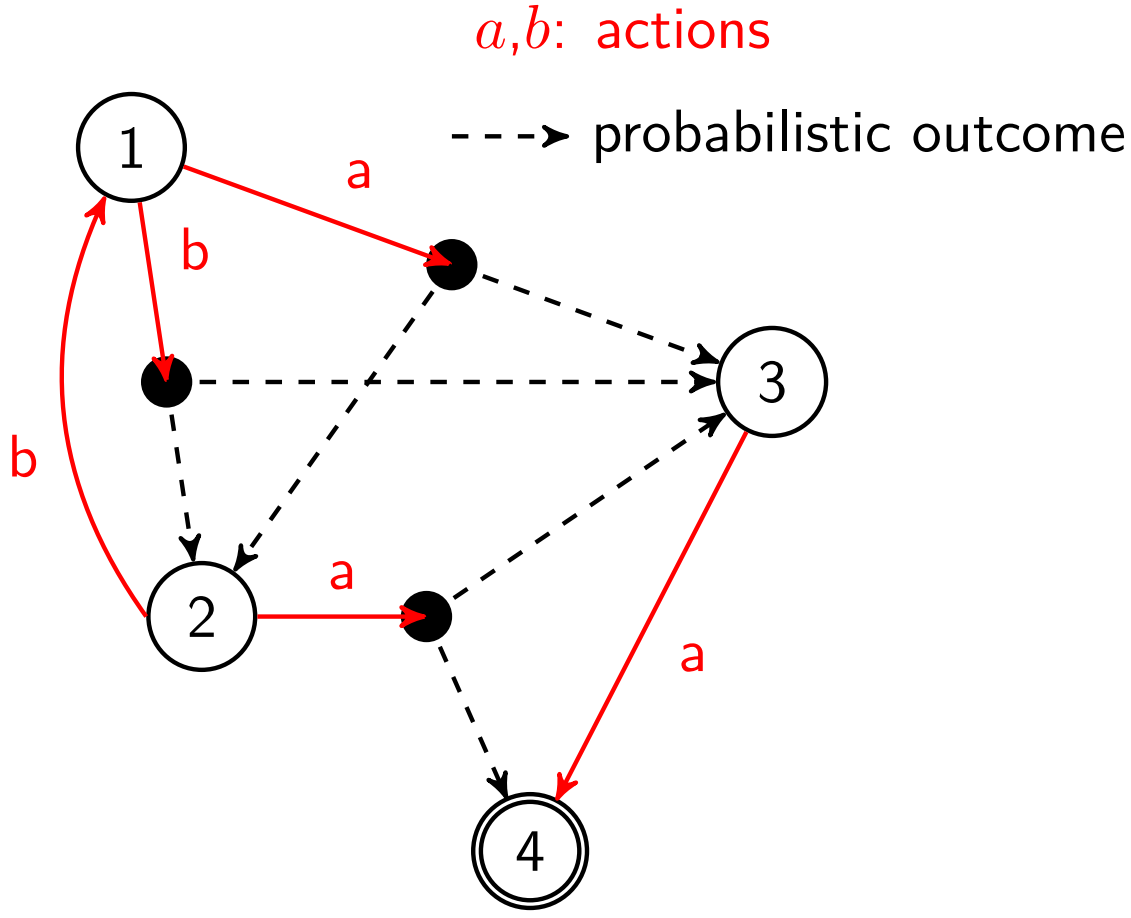
Transition Systems



Transition Systems

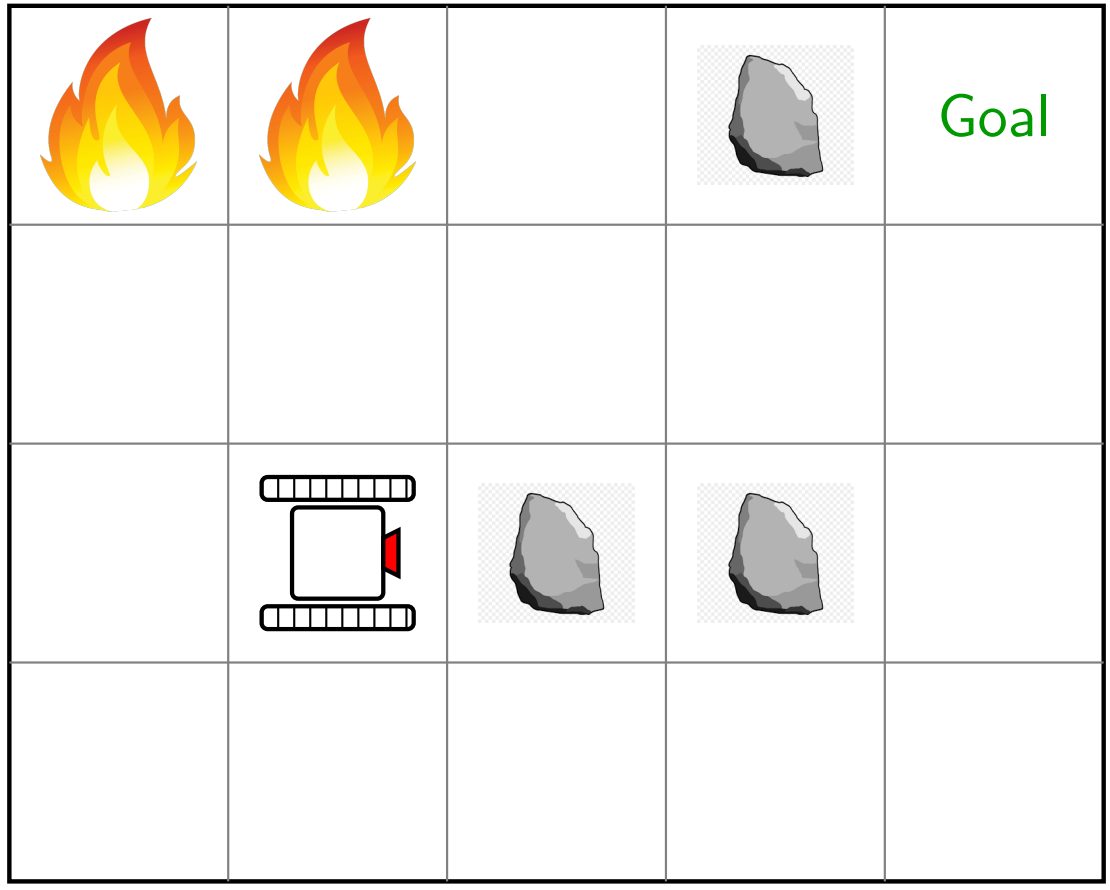


Finite State Markov Decision Process



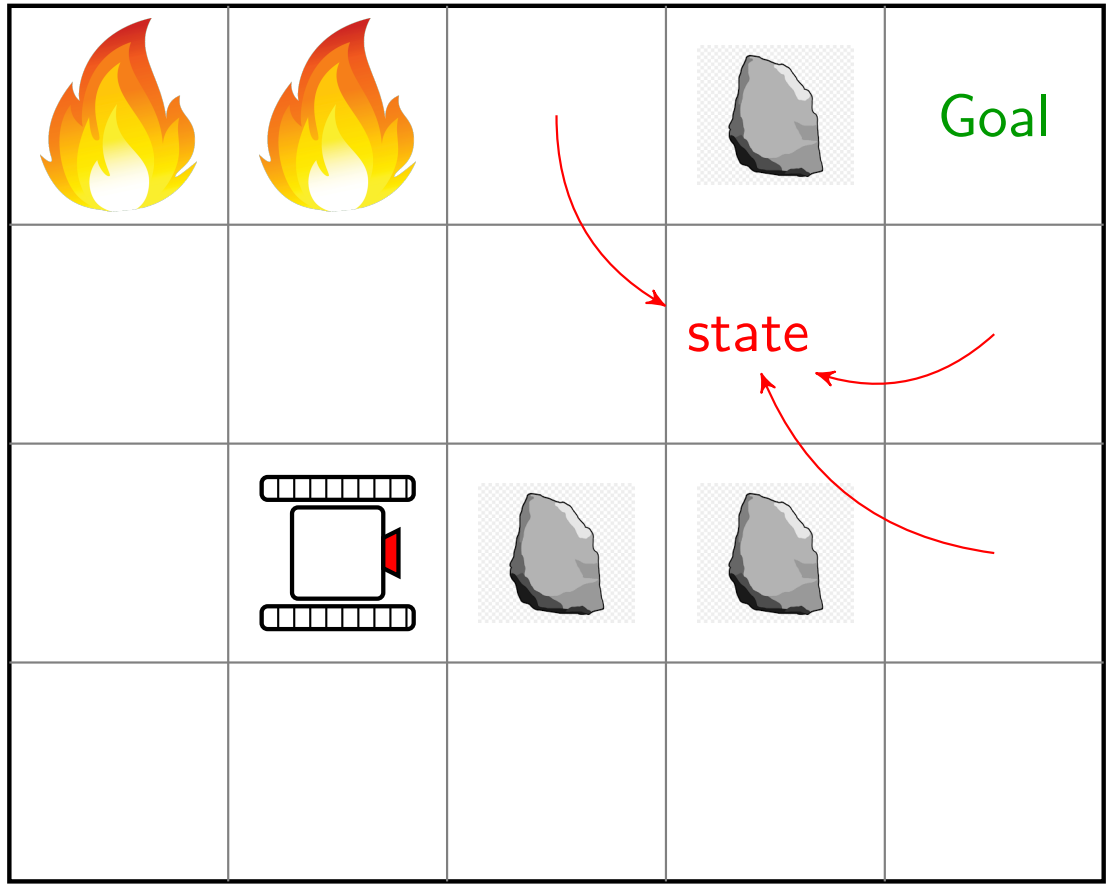
Sequential Decision Making

Basic Formulation: States, Actions, and Rewards.



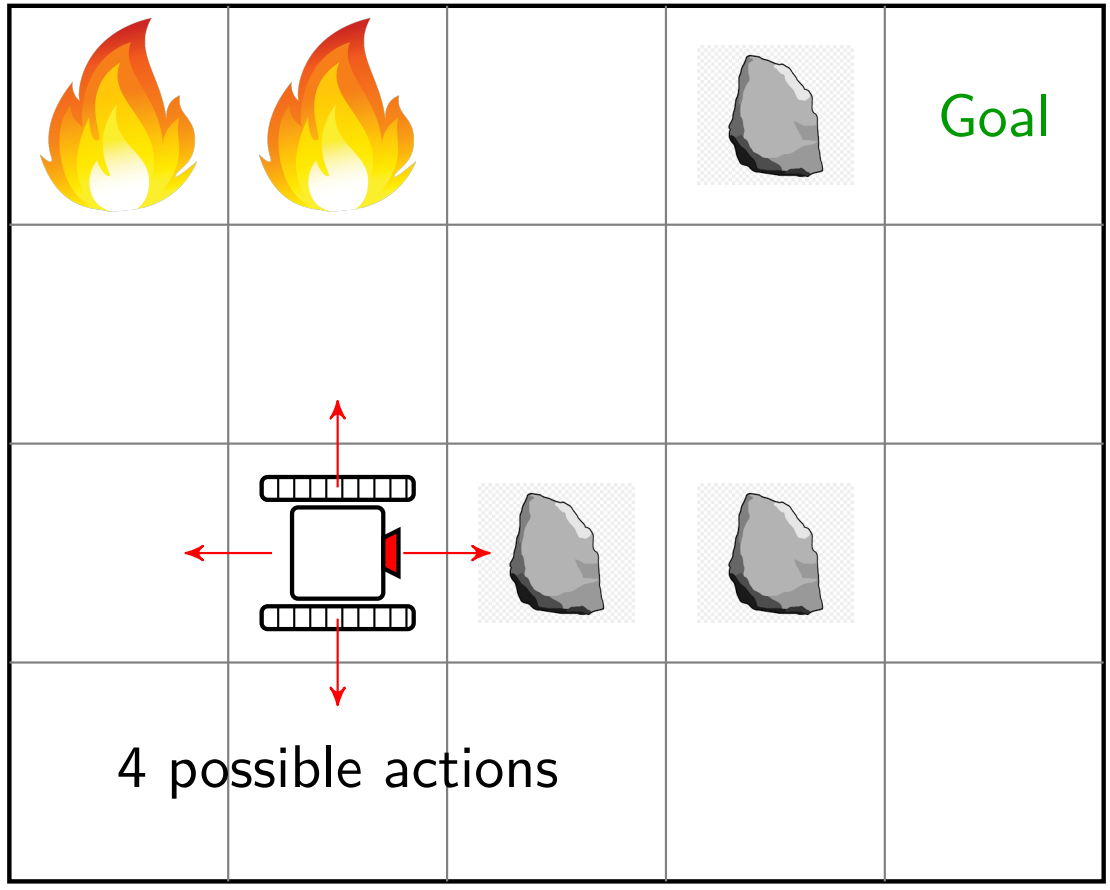
Sequential Decision Making

Basic Formulation: States, Actions, and Rewards.



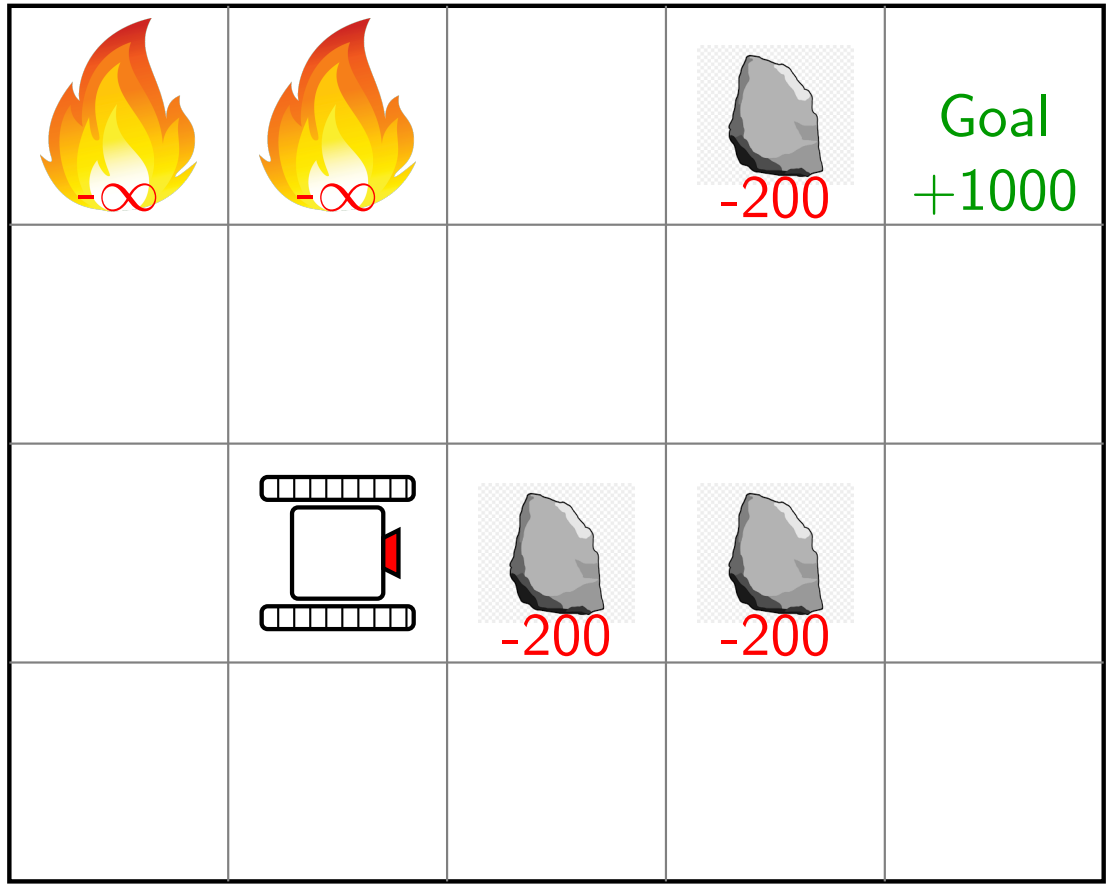
Sequential Decision Making

Basic Formulation: States, Actions, and Rewards.



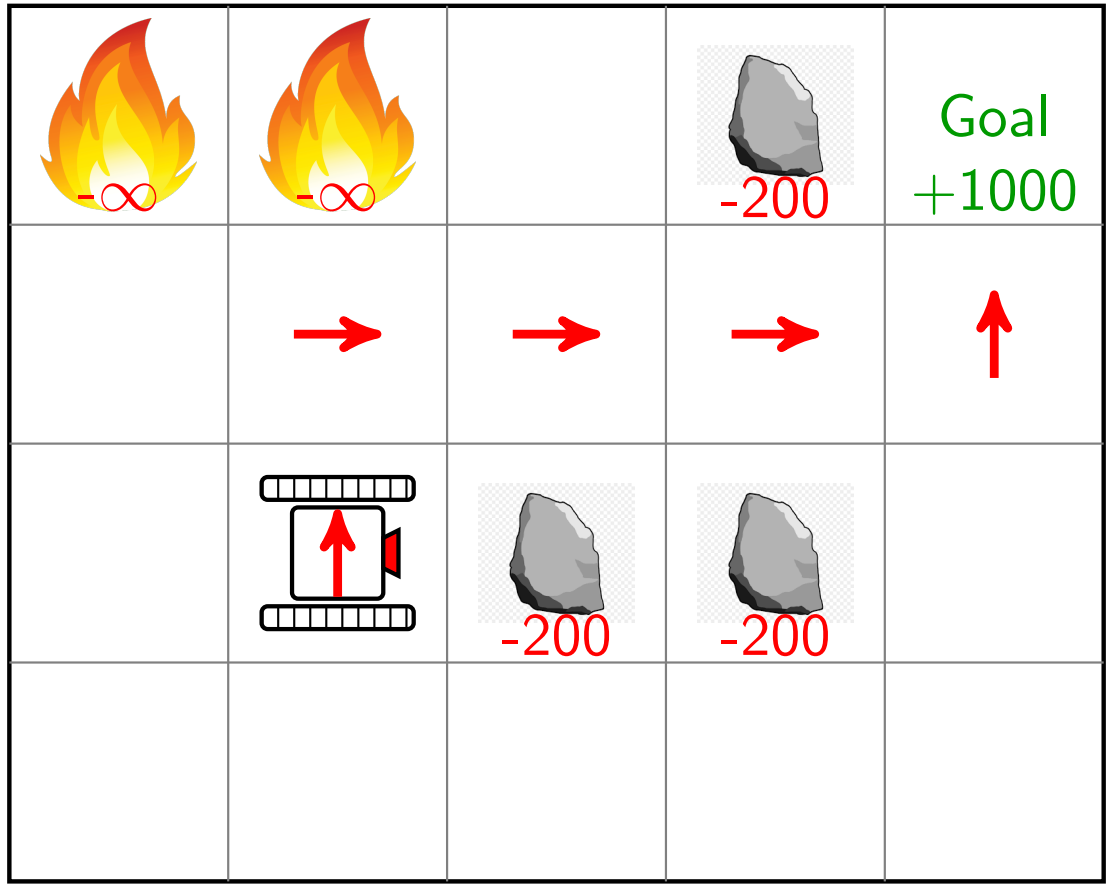
Sequential Decision Making

Basic Formulation: States, Actions, and Rewards.



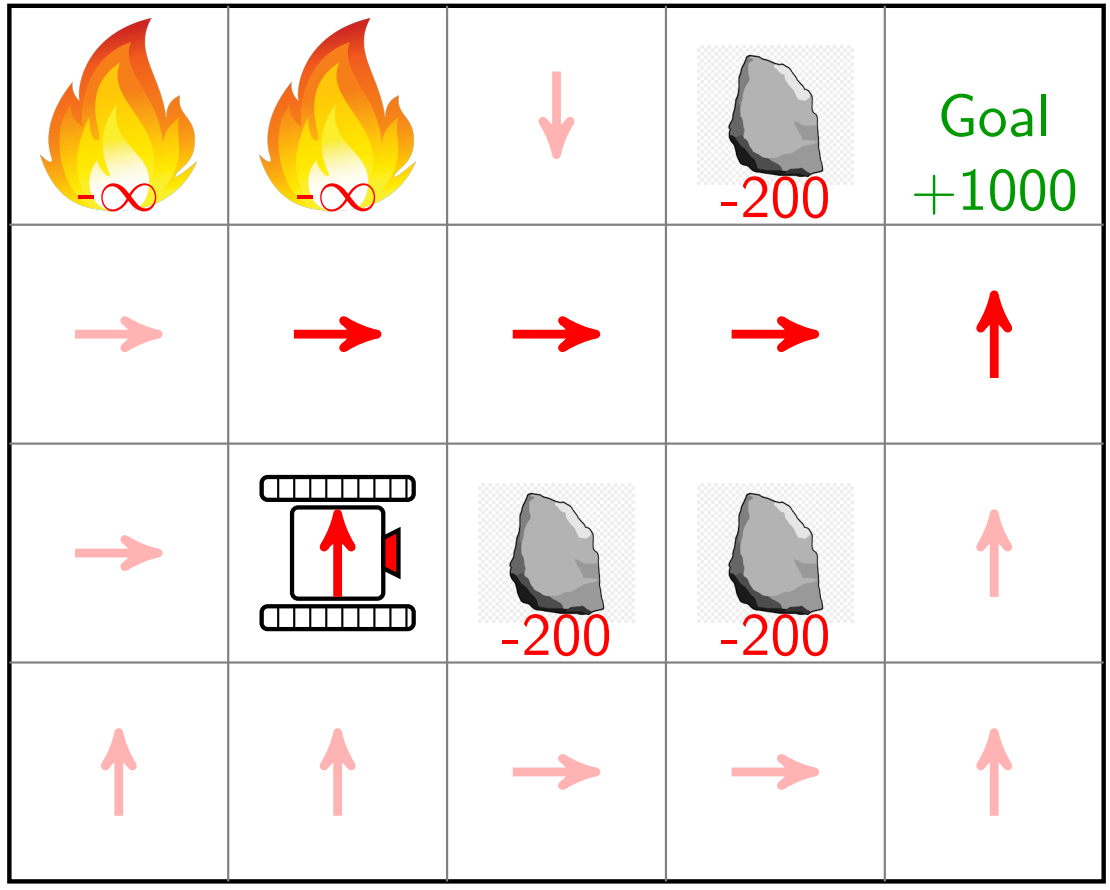
Sequential Decision Making

Basic Formulation: States, Actions, and Rewards. Basic Problem: Identify best action in each state to collect rewards.



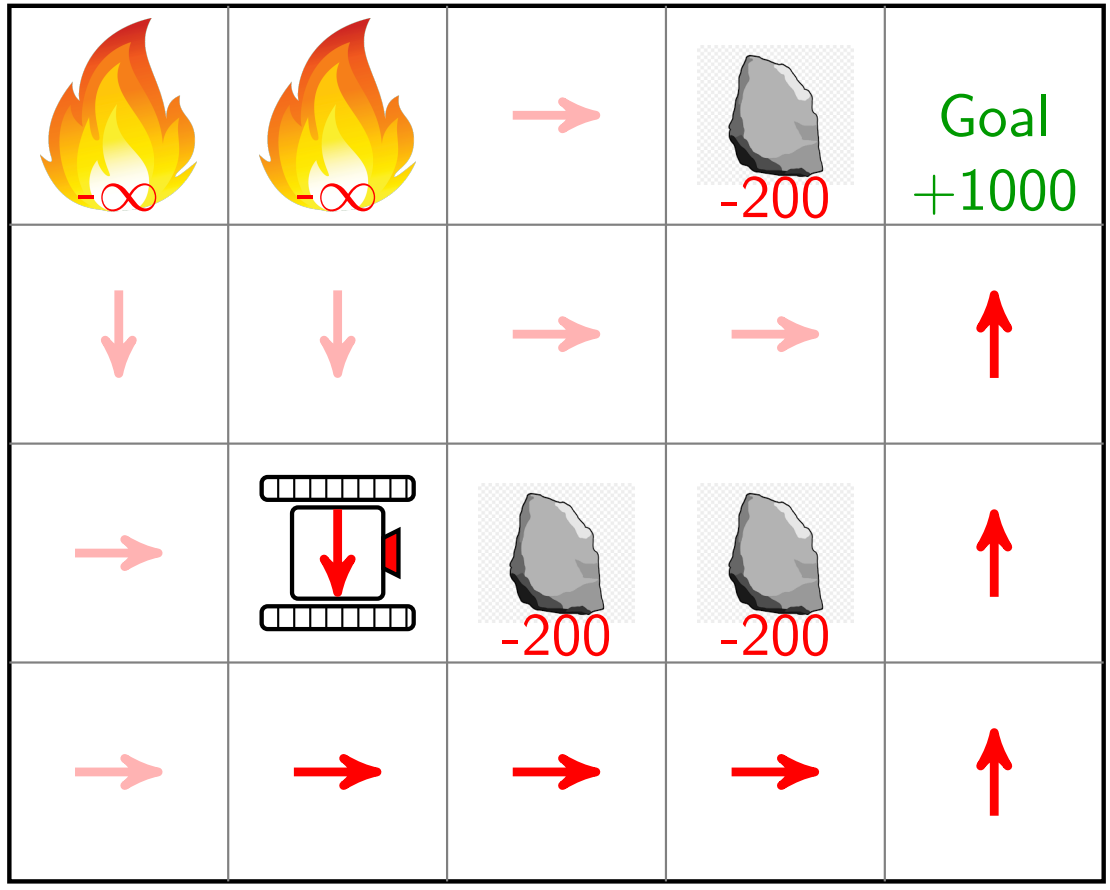
Sequential Decision Making

Basic Formulation: States, Actions, and Rewards. Basic Problem: Identify best action in each state to collect rewards.



Sequential Decision Making

Basic Formulation: States, Actions, and Rewards. Basic Problem: Identify best action in each state to collect rewards.



Possibility of sideways slip changes the optimal policy.