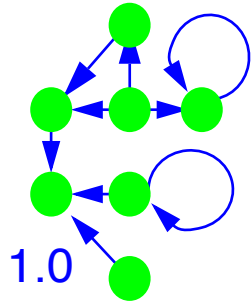Deterministic Actions:

- $T : S \times A \rightarrow S$ For each state and action we specify a new state.

Stochastic Actions:

- $T : S \times A \rightarrow Prob(S)$ For each state and action we specify a probability distribution over next states. Represents the distribution $P(s' \mid s, a)$.