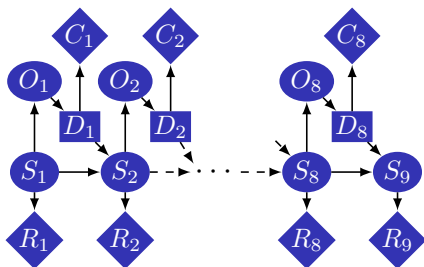


# Solving Decision Problems with Limited Information

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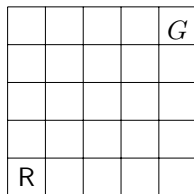


# The Language of LIMIDs

- ▶ Probabilistic Reasoning: Bayesian Networks
- ▶ Decision Making under Uncertainty:  
**Limited Memory Influence Diagrams**
  - ▶ Forgetful Agent
  - ▶ Stationary and Non-stationary Policies
  - ▶ Cooperative Agents
  - ▶ Complex Non-Sequential Problems

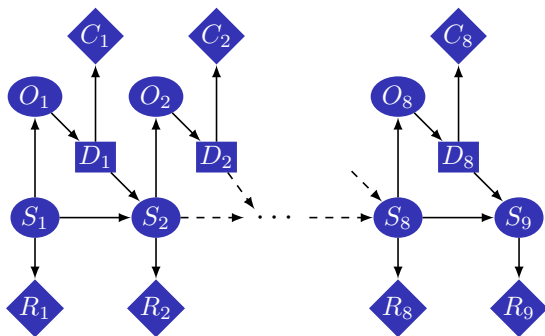
# The Language of LIMIDs

GRID-WORLD



$$t_{\max} \leq 9$$

LIMID



# Solving LIMIDs Exactly

