

Policy networks for Non-Markovian Deep RL

Reasoning Agent project: intro

Roberto Cipollone

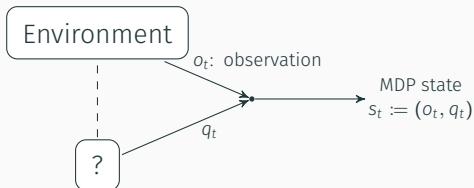
cipollone@diag.uniroma1.it

Prerequisites and motivation

What we should know

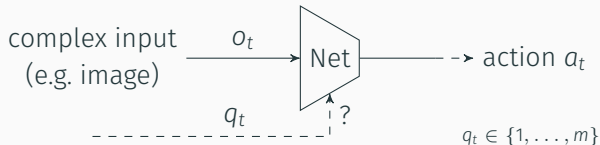
Study at least one of:

- Brafman, De Giacomo, and Patrizi, “LTLf / LDLf non-markovian rewards”
- Brafman and De Giacomo, “Regular Decision Processes”



Policy networks

Agent model:



What to do

- Study the references
- Realize a project to compare a basic implementation with some variants (more details will follow).
- Discuss results, also in relation to the reference.