

# Deep Reinforcement Learning in Macroeconomic Models - Advance report

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Explain the state of the project. Announce new assistant. The advances I have made are:

- Wrote introduction where Deep Reinforcement Learning is introduced as a "learning in macroeconomics" paper, following Macet and Sargent and Evans and Hoppaholla. The new questions are bla. The reasons to present this are:
- Formulated a simple version of the stochastic growth model with heterogeneous agents, incomplete markets and aggregate risk in order to have a single guiding framework which exposes the main use cases of the technology. I manipulate this simple framework to calculate four experiments.
  1. Planner formulation:
  2. Market formulation:
  3. Incomplete formulation.
  4. Fully AI based problem.
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