Reinforcement Learning Virtual School 2021

Schedule overview

Interacting in class

- Class material on https://rl-vs.github.io/rlvs2021/

- Notebooks, videos, polls, extra documents

- Speaker -> audience: polls
  Audience -> speaker: zoom Q&A

Technical recommendations

- Keep an eye on class pages for fresh material

- Install Python 3, Jupyter notebook

- Interact via the Matrix server, the Zoom Q&A and the polls

- Run notebooks on https://colab.research.google.com (or an equivalent)
  Use the "open in colab" browser extensions

Schedule overview

March 25th:
　　classes: RL fundamentals + DL
　　keynotes: Cognitive biases + Hierarchical RL

March 26th:
　　classes: managing the exploration vs. exploitation tradeoff
　　keynote: application to clinical trials design

April 1st:
　　classes: Deep neural networks as function approximators in RL
　　keynote: Regularization in RL

April 2nd:
　　classes: Gradient-based policy search + exploration/exploitation in Deep RL

April 8th:
　　classes: evolutionary RL + micro-data policy search
　　keynotes: neuroevolution + application to robotics

April 9th:
　　classes: practical RL
　　keynotes: symbolic RL + model learning for extreme generalization