

Advanced Group Overview

TJ Machine Learning Officers

October 2020

1 Overview

This year, we're doing things a bit differently with the advanced group. We hope to have lectures every week like we do in the beginner series.

Our first few lectures will be with Dr. Dasgupta, who has created a three part lecture series on Multi-agent Systems and Game Theory, Deep Reinforcement Learning, Intelligent AI-based Game Playing with Reinforcement Learning.

Following this series of lectures, we will have a round-robin lecture/discussion group. Every week, we will present a lecture on an advanced topic.

If you are interested in presenting a lecture on an advanced topic (which we and other club members would greatly appreciate), please enter in information on the spreadsheet on the link below and we will coordinate the timing of the lecture with you (until school starts, all lectures will be posted on YouTube).

<https://docs.google.com/spreadsheets/d/16tyChAGdqm1VcP4GDmMRWdLPOSFRhyOhLnTfj9J2DE/edit?usp=sharing>

If you plan to run for an officer position at the end of the year, we expect you to present at least one advanced lecture. This can be at any time of the year. You are free to present more than one lecture.

We hope that you enjoy this year's Advanced Group. If you have any suggestions to improve the structure we are adopting, please let us know on Messenger or at our email (tjmachinelearning@gmail.com).