

Mathematics Colloquium

Introduction to Deep Neural Networks

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San Francisco, CA

Friday, May 3, 2019
4:10 p.m. – 5:00 p.m.
Building 53 Room 201

Abstract

The field of machine learning has taken off in recent years and applications are quickly changing the way we live. In this talk we will discuss the basics of supervised learning and dive into the definition and training process of deep neural nets (DNNs). We will end by discussing several recent results regarding optimization in high dimensional non-convex spaces.

About the speaker: Mor Katz is a Fellow on the Safety team at OpenAI. After completing her Ph.D. in Operator Theory at the University of Virginia, Mor worked as a software engineer at Dropbox. Mor's Fellowship project focusses on the AI safety technique "Debate".

Cookies will be provided before the talk at 4 p.m.
in the same room as the talk, Building 53 Room 201.