

*Department of Mathematics,
University of California San Diego*

Math 278C - Optimization and Data Science Seminar

Prof. Mareike Dressler

UC San Diego

Multiple typical ranks in matrix completion

Abstract:

In a matrix completion problem, one has access to a subset of entries of a matrix and wishes to determine the missing entries subject to some constraint (e.g. a rank bound). Such problems appear in computer vision, collaborative filtering, and many other applications. In this talk, I will discuss how certain notions from nonlinear algebra can be used to understand the structure underlying various types of matrix completion problems.

Host: Jiawang Nie

Wednesday, May 5, 2021

3:00 PM

Meeting ID: 982 9781 6626 Password:

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