



THE UNIVERSITY OF CHICAGO

COMPUTATIONAL AND APPLIED MATHEMATICS COLLOQUIUM

*** Please note different time and location change ***

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Generalizations of Singular Values

THURSDAY, May 23, 2019, at 5:00 PM
ECKHART 206, 5734 South University Avenue

ABSTRACT

The singular value decomposition has many applications, including dimension reduction or noise removal of matrix data. In this talk, there are several directions for generalizing the notion of singular values from matrices to tensors and noisy data. I will discuss such generalizations with some applications.

Organizers:

Daniel Sanz-Alonso, Department of Statistics, sanzalonso@uchicago.edu
CAM Colloquium URL: <https://cam.uchicago.edu/seminars/colloq/index.shtml>.

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