samsi

Optimization Program WISO Workshop
February 8-10, 2017

Lecture: *Tensors and their Eigenvectors*

Speaker: Bernd Sturmfels

Abstract:

Eigenvectors of square matrices are central to linear algebra. Eigenvectors of tensors are a natural generalization. The spectral theory of tensors was pioneered by Lim and Qi over a decade ago, and it has found numerous applications. This lecture offers a first introduction, with emphasis on algebraic aspects.