The Hong Kong Polytechnic University
Department of Applied Mathematics

Colloquium

On the Tropical Linear Algebra Invariants

by

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Abstract

Tropical matrix invariants are useful in different problems of linear algebra and its applications. In the talk we will discuss the properties of different tropical matrix invariants which replace rank, determinant, etc., their inter-relations with each other. We also describe some practical applications of these invariants. The talk is based on several works joint with Marianne Akian, LeRoy Beasley, Stephane Gaubert, and Yaroslav Shitov.

Date :   16 November, 2017 (Thursday)
Time :   3:00p.m. – 4:00p.m.
Venue : TU801, The Hong Kong Polytechnic University

* * *   ALL ARE WELCOME   * * *