

Ting Su (Binghamton)

Foundations for a Theory of Phased Matroids

Abstract for the Combinatorics Seminar 2015 December 1

I'll introduce a combinatorial analog to linear dependency in complex space, phased matroids, with foundations analogous to those for oriented matroids. I'll show three equivalent axiomatizations of phased matroids.

This is from a paper by Laura Anderson and Emanuele Delucchi, "Foundations for a theory of complex matroids" (Discrete & Computational Geometry 48 (2012), no. 4, 807-846).

This is the first half of Ms. Su's admission-to-candidacy examination. The examining committee consists of Laura Anderson (chair), Michael Dobbins, and Thomas Zaslavsky.

From:

<http://www2.math.binghamton.edu/> - **Department of Mathematics and Statistics,
Binghamton University**

Permanent link:

<http://www2.math.binghamton.edu/p/seminars/comb/abstract.201512su1>

Last update: **2020/01/29 19:03**

