

המחלקה למתמטיקה, בן-גוריון

גאומטריה אלגברית ותורת המספרים

ביום רביעי, 25 בינואר, 2017

בשעה 15:10 – 16:30

ב-101 Math

ההרצאה

varieties tropical Computing

חינתן על-ידי

(BGU) Ren Yue

תקציר:



Ben Gurion University - Mathematics
Algebraic Geometry and Number Theory Seminar

Speaker **Yue Ren (BGU)**

Title **Computing tropical varieties**

Date Wednesday, 25 January 2017

Time 15:10 - 16:30 (starts 15:10 sharp)

Location Room -101 in Building 58

Abstract

While tropical varieties are commonly described as combinatorial shadows of their algebraic counterparts, they also naturally arise in many other contexts due to their combinatorial structure.

In this talk, we will introduce tropical varieties and showcase some of the applications of tropical geometry. Moreover, we will discuss how tropical varieties can be computed, and, in doing so, highlight some bread-and-butter techniques of computer algebra.

(updated 18 Dec 2016)