

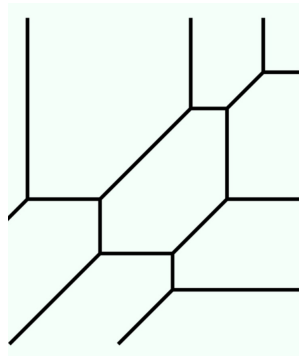
Student Research Talks (StReeTs)

Mason Experimental Geometry Lab (MEGL)

Tropical Geometry and Well-Poised Varieties

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Abstract

I'll introduce the basics of Tropical Geometry such as tropical polynomials, tropical varieties, and Structure Theorem for tropical varieties. Using these tools, I'll define what it means for an (affine embedding of an) algebraic variety to be well-poised. I will talk about why we care about well-poised varieties, and give some examples. In particular, a recent work of Manon and Ilten shows that affine rational complexity 1 T -varieties are well-poised.

Date: Friday, September 29, 2017

Time: 2:30pm–3:30pm

Place: Exploratory Hall 4106

Pizza and soda will be served at the presentation.

For further information or for special accommodations, please contact Sean Lawton via email at seanlawton@gmail.com or drop by the MEGL.