2025/10/02 21:55 1/1 Amanda Ruiz (Binghamton)

## **Amanda Ruiz (Binghamton)**

## A Final Polynomial for Every Non-Euclidean Oriented Matroid

## Abstract for the Combinatorics Seminar 2012 February 21

An oriented matroid program is an abstraction of a linear program. For a non-euclidean oriented matroid, there is an analog to the simplex algorithm that results in an infinite loop. I will show how to obtain a final polynomial from the infinite loop.

This is the second of two talks based on "Euclideanness and final polynomials in matroid theory" by Jürgen Richter-Gebert. Final polynomials were defined in the first talk. The talk will include a brief review of final polynomials, but details will be excluded.

From:

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

Permanent link:

https://www2.math.binghamton.edu/p/seminars/comb/abstract.201202ru2

Last update: 2020/01/29 19:03