"Every vector space I've ever seen has come with a basis!"

— Bernd Sturmfels

The Trivial Notions Seminar
Proudly Announces

Gröbner Basics

A talk by
Charles Wang

Abstract

Computing things in linear algebra is often made easier by having a basis to work with. We develop an analogous notion for polynomial rings, called a Gröbner basis, and illustrate how to compute things such as ideal membership, intersections, kernels, and more. We will also learn a little bit of tropical geometry and see how Gröbner bases appear in this context.

Friday, November 2$^{\text{nd}}$, at 1:00 pm
Science Center 530