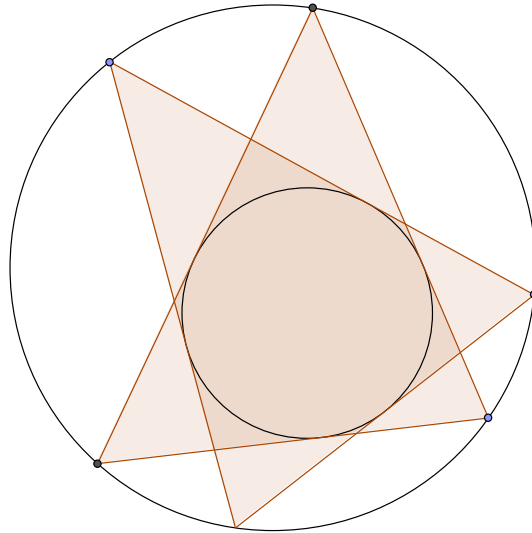


The Trivial Notions Seminar
Proudly Announces

Poncelet's Porism



A talk by
Gabriel Bujokas

Abstract

Say we have two plane conics C and C' . Poncelet's Porism says that if there is a n -sided polygon inscribed by C and circumscribed by C' , then there are infinitely many such polygons. We will prove this classical theorem by relating it to the group law on elliptic curves. Then, we are going to look at an analogue of Poncelet's porism in space, due to Griffiths and Harris.

Thursday March 22nd, at 2:00 pm
Science Center 310