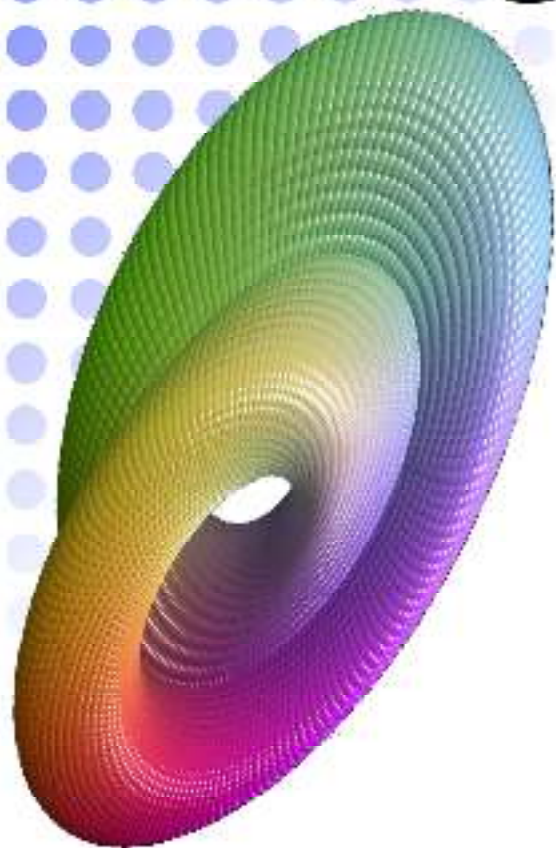


Michigan Math Club

Thursday at 4pm in the Commons

Free Pizza and Pop



Reducibility of Polynomials

Michael Zieve

Abstract for 18 Oct 2012



The number of perfect squares among the first N positive integers is roughly \sqrt{N} . This counts the number of reducible polynomials $x^2 - c$, when the constant term varies over the first N integers. I will discuss analogous counting problems for higher degree polynomials, and related topics.