

NUMBER THEORY & COMBINATORICS SEMINAR

Speaker: Brandon Fodden
Date: 2007 Sep 12
Time: 3:00 to 3:50 pm
Room: L-1114
Title: Some unprovable statements in number theory

Abstract:

We will discuss some number theoretic statements which are unprovable with respect to either Peano arithmetic or the ZFC axioms of set theory. We will cover Goodstein's theorem as well as the connection that Diophantine equations have with the consistency of formalized systems.