

ALGEBRA
SEMINAR

Class Numbers and Mock Modular Forms

Michael H. Mertens
Emory University

Abstract: It is a classical result going back to Kronecker and Hurwitz that class numbers of binary quadratic forms satisfy interesting recurrence relations, which relate them to arithmetic functions. In this talk, we will see how the theory of mock modular forms may be used to prove infinite families of such identities.

Tuesday, September 8, 2015, 4:00 pm
Mathematics and Science Center: W306

MATHEMATICS AND COMPUTER SCIENCE
EMORY UNIVERSITY