Equal opportunity means everyone will have a fair chance at becoming incompetent. — Laurence J. Peter

The Trivial Notions Seminar
Proudly Announces

Fair Chance

A talk by
Kai-Wen Lan

Abstract

Suppose G is the matrix group SL_2, considered as a variety over your favorite algebraically closed field of characteristic zero. Can we write down a variety X with an algebraic transitive action of G, so that the space of regular functions on X contains every irreducible finite-dimensional representation of G *once and exactly once*? We will present a solution to this question which suggests how the same question should be answered for more ambitious choices of G.

Friday, March 16$^{\text{th}}$, 2007 at 3:15 pm
Science Center 507