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 $\text{SL}_2$, 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
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