



PURDUE UNIVERSITY

Department of Mathematics Colloquium

Speaker: Professor Jeff Adams, University of Maryland
Title: "The Atlas of Lie Groups and Representations"
Date: Tuesday, April 22, 2008
Time: 4:30 P.M.
Place: MATH 175

Abstract

This is a project in the representation theory of Lie groups. One goal is to solve the problem of the unitary dual by computational means. Another is to develop software for teaching and research in the subject. I'll give an overview of the project. In particular I'll discuss the computation of Kazhdan-Lusztig-Vogan polynomials for E_8 which got some attention a year ago.

Refreshments will be served in the Math Library Lounge, 4:00 P.M.