



PURDUE UNIVERSITY

Department of Mathematics Colloquium

Speaker: Professor Alejandro Adem, University of British Columbia

Title: "Periodic Complexes and Group Actions"

Date: Tuesday, April 18, 2006

Time: 4:30 P.M.

Place: MATH 175

Abstract

A classical problem in topology is that of characterizing those finite groups that act fixed-point freely on a sphere. In this talk we will review these results and describe recent work towards extending this to (i) a product of two spheres and (ii) actions of discrete groups. The methods we use are a combination of techniques in topology and group theory.

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