ALGEBRA SEMINAR

A *taste of algebraic geography*, Part 4

Martin Lorenz
Temple University

ABSTRACT: The goal of this short mini-course is to explain the following result of D. Stefan: *up to isomorphism, there are only finitely many bi-semisimple Hopf algebras of a given dimension.* In the fourth (and last) lecture, I will talk about Gerstenhaber-Schack cohomology and sketch how it is used to prove this theorem.

MONDAY, APRIL 2, 2012
1:40 – 2:30 PM
ROOM 617, WACHMAN HALL
DEPARTMENT OF MATHEMATICS