ALGEBRA SEMINAR

A taste of algebraic geography, Part 2

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ABSTRACT: The goal of this short mini-course (about four lectures) 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.* All terms in this statement have been explained in the first lecture. After a brief review of the variety of structure constants of bialgebras of a given dimension, the remainder of the second lecture will be a crash course in affine algebraic geometry.

MONDAY, MARCH 19, 2012
1:40 – 2:30 PM
ROOM 617, WACHMAN HALL
DEPARTMENT OF MATHEMATICS