

# ALGEBRA SEMINAR

## *Introduction to Koszul algebras, I*

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ABSTRACT: Koszul algebras were originally introduced by Stewart Priddy in connection with his work in algebraic topology. Later, Manin used Koszul algebras for the purposes of noncommutative geometry. Most recently, I have taken advantage of the existing theory in constructing algebraic proofs for certain combinatorial identities.

In this series of talks (probably three), I will give an introduction to Koszul algebras from an algebraic perspective.

Monday, October 16, 2006, 1:40 – 2:30 pm,  
Wachman 617