ALGEBRA SEMINAR

A crash course in Homological Algebra

Vasily Dolgushev Temple University

ABSTRACT: I will review necessary ingredients from homological algebra. We will talk about chain complexes and their morphisms, chain homotopy operators and quasi-isomorphisms. I will give the de Rham complex and Hochschild complexes as examples. Finally, we will prove the Snake Lemma and talk about filtered complexes and their quasi-isomorphisms.

Monday, October 11, 2010

1:10 – 2:30 pm

Room 617, Wachman Hall
Department of Mathematics