

ALGEBRA SEMINAR

A crash course in Homological Algebra (Part 2)

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ABSTRACT: In the second part of this mini-course on homological algebra, I will introduce morphisms of complexes, chain homotopy operators and quasi-isomorphisms of complexes. The de Rham complex and Hochschild complexes will serve as examples. Finally, I will prove the Snake Lemma and talk about filtered complexes and their quasi-isomorphisms.

MONDAY, OCTOBER 18, 2010

1:10 – 2:30 PM

ROOM 617, WACHMAN HALL
DEPARTMENT OF MATHEMATICS