

ALGEBRA SEMINAR

A beginner's guide to monoidal categories, II

Vasily Dolgushev
Temple University

ABSTRACT: This is a mini-course on the rudiments of category theory. I will start by introducing categories, functors, and natural transformations. Then I will talk about adjoint functors, limits and colimits. Finally, I will cover monoidal categories and symmetric monoidal categories. If time permits, then I will explain a proof of Mac Lane's coherence theorem.

MONDAY, MARCH 21, 2011
1:40 – 2:30 PM
ROOM 617, WACHMAN HALL
DEPARTMENT OF MATHEMATICS