

Seminar on Stacks and Groupoids

# AN INTRODUCTION TO STACKS: REVIEW

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In this lecture we will review material covered in the previous semester's seminar, including Grothendieck topologies and groupoids. In addition, we will discuss the notion of a categorical equivalence relation in order to motivate the study of stacks. A basic example will be the category of principal bundles. Principle bundles, and vector bundles will be defined carefully.

Tuesday January 18, 2010  
4:00 p.m.  
MATH 350