

The Trivial Notions Seminar
Proudly Announces

Coding theory for the working theoretical
mathematician

A talk by
Geoffrey Smith

Abstract

Coding theory is a practical subject that studies ways of encoding redundancy into data such that an original message can be recovered even if the data sent has been corrupted a bit. In this talk I briefly explain the basics of coding theory, then will spend a lot of time talking about my favorite error-correcting code, the Golay code, and will explain why it is better than other codes. I will also present some connections between coding theory and other areas of mathematics.

Thursday March 23rd, at 12:00 pm
Science Center 232