"The glory of great men should always be measured by the means they have used to acquire it."

– Francois de La Rochefoucauld

The Trivial Notions Seminar
Proudly Announces

Amenable Groups

A talk by

Matthew Woolf

Abstract

Every compact group admits a countably additive invariant probability measure – the Haar measure. We will see that the existence of a mean on a group – a finitely additive invariant probability measure – is a much weaker condition, but still allows allows us to draw some striking conclusions about the group. In particular, we will look at the existence of a mean and of almost-invariant subsets, and of the impossibility of a Banach-Tarski-type paradox for such groups.

Thursday October 6$^{\text{th}}$, at 11:30 am
Science Center 309