

“A proof is a proof. What kind of a proof? It’s a proof. A proof is a proof. And when you have a good proof, it’s because it’s proven.”

—Jean Chretien

The Trivial Notions Seminar
Proudly Announces
Nilpotent Groups

A talk by
Jiakai Li

Abstract

A theorem of Gromov states that a finitely generated group is virtually nilpotent if and only if it has polynomial growth (i.e. the number of words with length $\leq n$ grows like a polynomial.) I will sketch his proof and give some examples. In particular, we will consider the Gromov–Hausdorff limits of certain sequences of metric spaces.

Friday, November 22nd, at 12:30 pm
Science Center 530