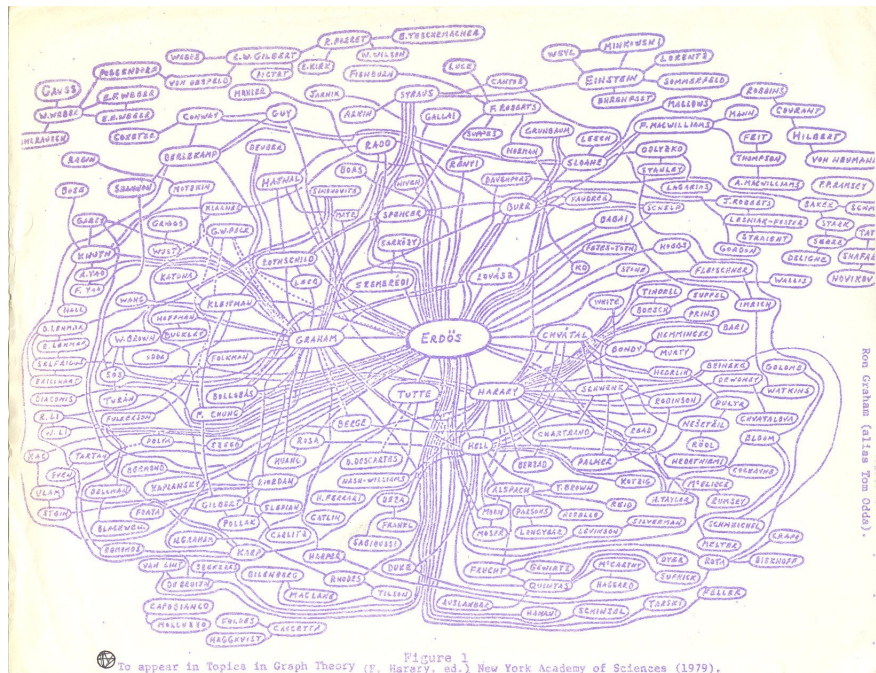


“All models are wrong, but some are useful.”

– George E. P. Box

The ‘graph’ below shows Erdős’ collaborators, the collaborators’ collaborators, the collaborators’ collaborators’ collaborators, etc. Done by Oakland University’s Erdős Number Project.



The Trivial Notions Seminar Proudly Announces

Large graphs want to talk to us

A talk by
Fan Wei

Abstract

We will give a gentle introduction to a central tool in graph theory: Szemerédi’s Regularity Lemma. This is a powerful structural result. We will give a proof sketch of this theorem, followed by some simple but not-so-simple consequences of Szemerédi’s Regularity Lemma, and its relation to additive number theory such as Roth’s Theorem. No prior knowledge about graph theory is needed for this talk.

Wednesday April 29th, at 1:30 pm
Science Center 112