LUNCH SEMINAR FOR GRADUATE STUDENTS

RAMSEY THEORY

JACOB FOX

Massachusetts Institute of Technology

ABSTRACT:

Ramsey theory consists of many deep results in mathematics which show that large structures must contain certain orderly substructures. This is an area in which a great variety of techniques from many branches of mathematics are used, and its results are important not only to combinatorics but also to logic, analysis, number theory, geometry, and theoretical computer science. Since the field was initiated by Ramsey's seminal paper in 1930, this subject has experienced tremendous growth and is currently among the most active areas in combinatorics. In this talk, I will describe some of the fundamental problems and results in this area.

MONDAY, NOVEMBER 1, 2010
12:00 Noon
Building 2, Room 147

Pizza and beverages at 1:00 PM
Building 2, Room 290

http://math.mit.edu/seminars/lunchseminar/

Massachusetts Institute of Technology