Undergraduate Math Club
Winter 2007
2nd floor Nesbitt Common Room
Thursday, February 8, 4:10-5:00pm
(free pizza and pop, as always)

What is the probability that two randomly chosen integers are relatively prime?

Professor Nick Ramsey

Abstract

We'll determine the probability that two integers chosen at random are relatively prime. The Riemann zeta function will turn up, adding an air of legitimacy to the problem.