Mathematical Sciences Colloquium

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Title: Four Proofs of the Infinitude of Primes

Abstract: We will discuss one of the most beautiful theorems in all of mathematics – the infinitude of primes. We will give four proofs with variations: Euclid's indirect proof, Euler's analytic proof, Furstenberg's topological proof, and Chaitin's complexity proof. These proofs reflect the evolution of techniques in number theory and in mathematical proofs in general.

Date: Tuesday September 27, 2016
Time: 12:30 pm - 1:30 pm
Location: 1146 Ingersoll Hall
Pizza will be served.

This colloquium is sponsored by the Math Club
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