



Professor Benedict Gross

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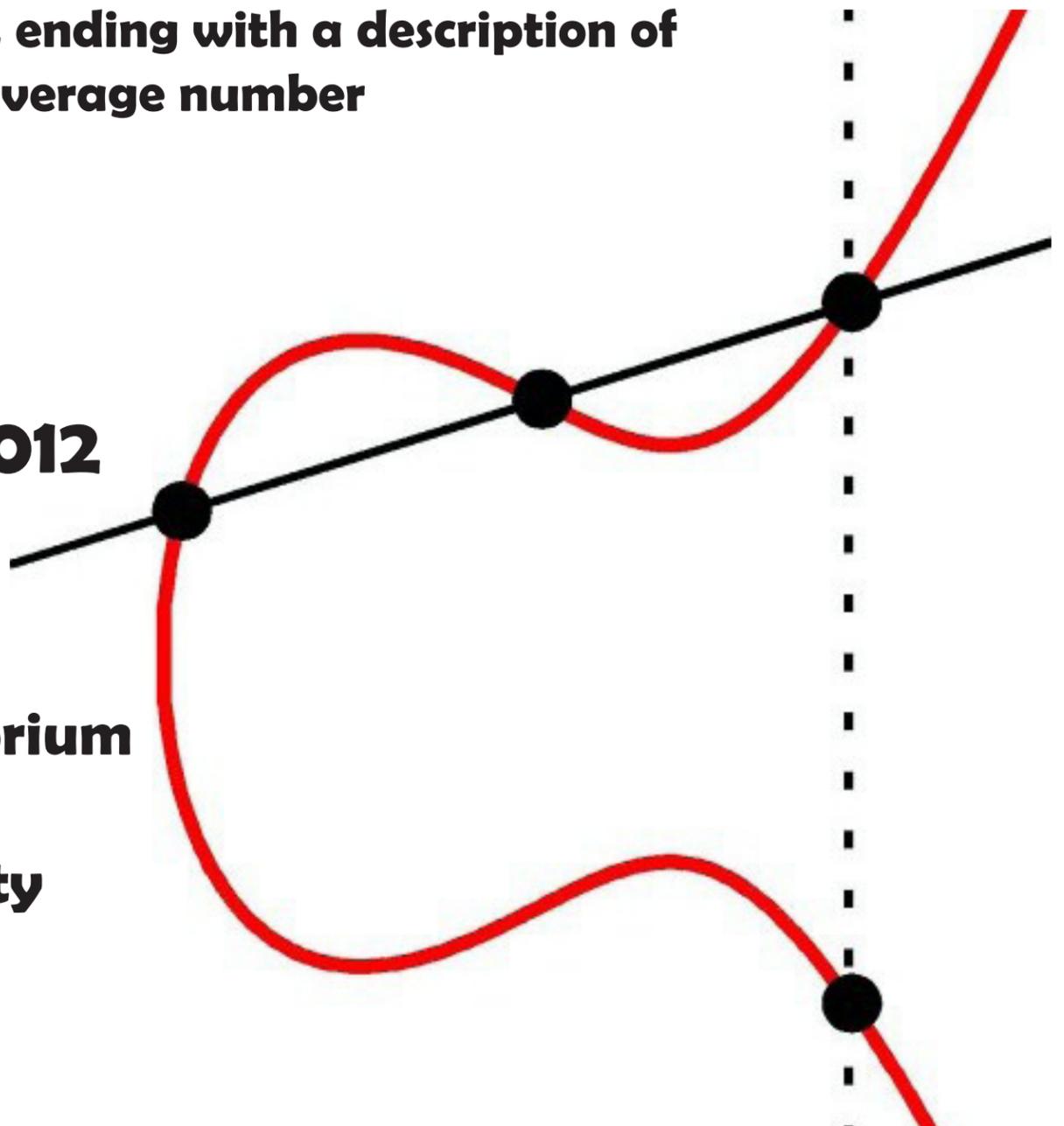
“Rational solutions to cubic equations”

A Public Lecture

Cubic equations (also called elliptic curves) have a long history in mathematics, going back to the work of Fermat and Euler. The basic problem, which is still not completely resolved, is to understand when an equation has a finite or an infinite number of rational solutions. I will discuss the progress that has been made, ending with a description of recent work on the average number of solutions.

**Wednesday
February 8, 2012
7:30pm**

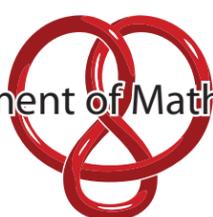
**Cubberley Auditorium
485 Lasuen Mall
Stanford University**



The recipient of a MacArthur fellowship and the Cole Prize in Number Theory from the American Mathematical Society, Professor Gross is a member of the National Academy of Sciences and a former Dean of Harvard College.

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