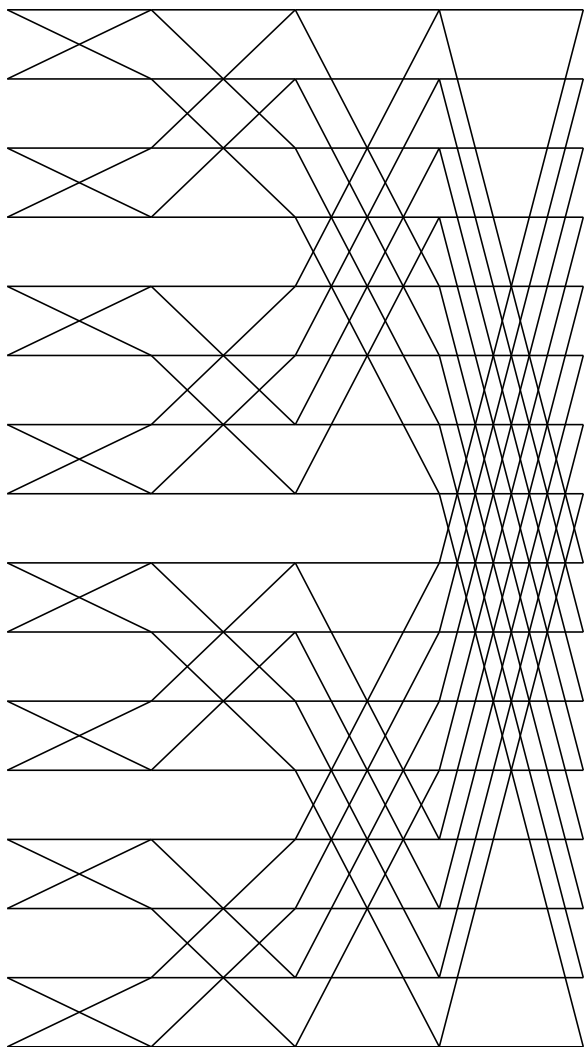# How to Multiply

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Undergraduate Math Club
CORNELL UNIVERSITY

SPEAKER

Sujit Rao

ABSTRACT

Given two natural numbers m and n, how do you determine their product? A simple and general method for this problem, which you probably learned during grade school, has been known for at least a few thousand years. However, there are many others with more interesting properties. The first was discovered about 60 years ago, and some recent work has been done in the past 10 years. I will explain some of these methods, assuming only some knowledge of modular arithmetic, complex numbers, polynomials, and basic linear algebra for the majority of the talk.

FEB 29 · 4:45

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Malott 5th floor lounge · refreshments served