

BAMA

School Year 2016—2017
Join us for a free talk...

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Martin Weissman

The Secret Lives of Fractions



Santa Clara University, Daly Science 206

Wednesday, November 9, 2016, 7:30 pm

Fractions are often neglected after decimals are introduced. This is sad, because elementary ideas about "mediant fractions" and "kissing fractions" lead to a deep understanding of rational and irrational numbers. In this talk, we'll discover secrets about fractions and a hidden geometry that hovers above the number line.

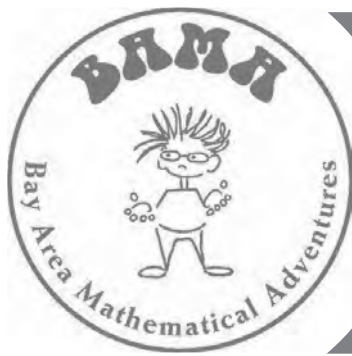
Marty Weissman is an associate professor at the University of California, Santa Cruz. His area of research is number theory—more precisely, a network of conjectures called the Langlands program which relates geometry and algebra and arithmetic. He is also the author of a forthcoming "Illustrated Theory of Numbers", to be published by the American Mathematical Society. While writing this book, he has developed an interest in information visualization—how figures can be used to display data and assist logical reasoning.



* See back for map and directions.

Visit the Bay Area Mathematical Adventures (BAMA) at <http://mathematicaladventures.org>

To receive email notifications about BAMA talks, please contact Frank Farris at ffarris@scu.edu.



BAMA

Bay Area Mathematical Adventures

A series of presentations on diverse topics by remarkable mathematicians. All talks are free and open to the public.

WHY?

BAMA aims to challenge and motivate students to think mathematically. Speakers will present real mathematics, and will share with the audience modern views of mathematics. Some talks will provide students with related problems, or will enable teachers to expand later on the topics with their students.

WHO?

BAMA is aimed at bright high-school age students. However, all are welcome: younger or older students, teachers, parents, and the general public.

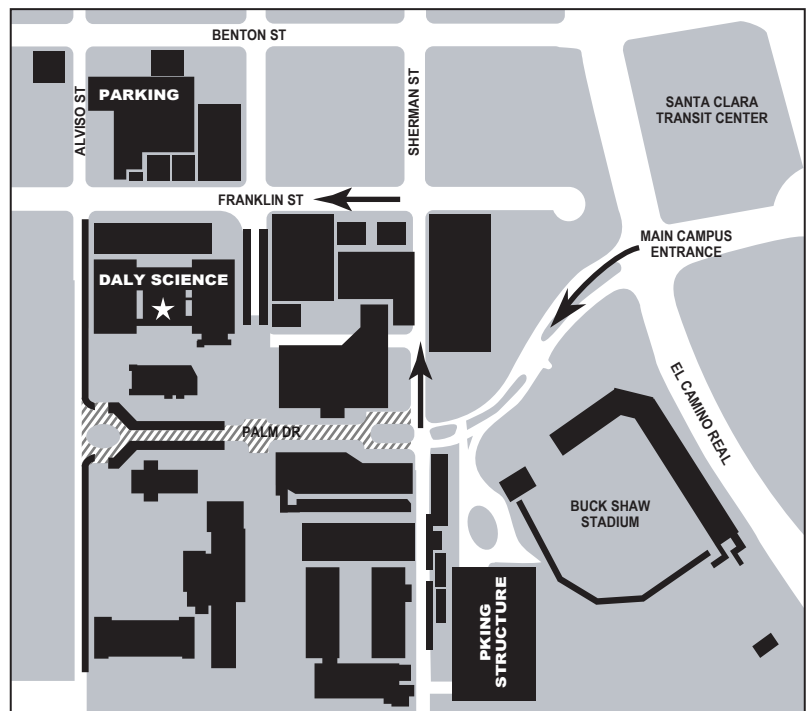
WHEN?

Evening talks will be given approximately once a month between September and April. Each talk will be self-contained (speakers will not assume their audiences have attended previous talks).

WHERE?

Santa Clara University Daly Science, rm. 206

- From US Highway 101, take the De La Cruz Blvd/Santa Clara exit and follow the signs to El Camino real and main campus entrance.
 - From I-280, take I-880 north toward Oakland to The Alameda exit. Turn left onto The Alameda (which becomes El Camino Real) to main campus entrance.
 - From I-880, take The Alameda exit, travel north (The Alameda becomes El Camino Real) to main campus entrance.
- Note:* If you arrive by car, you can go directly to the parking garage at Franklin and Alviso and purchase a permit at a self-serve kiosk. Alternatively, it is usually possible to find free street parking within a couple of blocks.
- If you have a disability and require reasonable accommodation, please call anyone on the steering committee, or 1-800-735-2929 (TTY—California Relay) 24 hours in advance.



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