

BAMA 2

School Year 2018—2019
Join us for a free talk...

Sergei Tabachnikov

Geometry of Equations



San Jose State University*
Science Building, Rm. 142

7:30 pm

Friday, December 7, 2018

What could be simpler than the quadratic equation and the quadratic formula? And also what can be more boring? I shall try to convince you that there is a whole world of interesting geometry behind this and other similar equations. This geometric point of view will make it possible to reach as far as the Fundamental Theorem of Algebra (stating that every polynomial has a complex root).

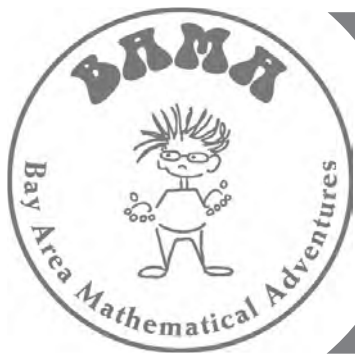
Sergei Tabachnikov does research in geometry, topology, and dynamical systems. He is Director of the Mathematics Advanced Study Semesters program at Penn State. Sergei serves as Editor-in-Chief of “Experimental Mathematics” and as associate editor of “The American Mathematical Monthly” and “The Mathematical Intelligencer.” He is a Fellow of the American Mathematical Society, and he has served or is serving on a number of its editorial boards and committees. Sergei is involved in various outreach projects, from mathematical clubs in local schools to “Modern Mathematics,” International Summer School for Students that takes place in Bremen, Germany. Together with D. Fuchs, he co-authored the book “Mathematical Omnibus.”



* 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?

San Jose State University Science Building, Rm 142

- From 101 take the First Street or Guadalupe Expressway exit and go to Fourth Street.
- Take Fourth to San Salvador Street; turn left onto San Salvador and park in the South Garage. The automated pay stations located on level 3 and above accept coins, \$1, \$5 and \$10 bills, Visa or Master Cards. Parking is \$1.00 per ½ hour or \$5.00 day pass after 5:30.
- From 280 take the 7th Street exit and turn North on Seventh St. The garage is on the left after 5 or 6 blocks.



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Mathematical Sciences Research Institute

FOR MORE INFO:

<http://www.mathematicaladventures.org>

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