

ΓΟΟΔΣΕΛΛ ΓΑΖΕΤΤΕ

Carleton College
Northfield, MN 55057

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Pizza Trophy Remains at Carleton

On Saturday, four teams of Carls made the arduous trek across the Cannon to compete in the 22nd annual Konhauser Problemfest at St. Olaf. For the second year in a row, the team of Isaac Garfinkle, Michelle Mastrianni, and Jacob Spear took home first place. Also making strong showings were the team of Raphael Liu, Derek Shang, and Frank Yang (third place), and the team of Thomas Bertschinger, Brendan Cook, and Tessa Whalen-Wagner (eighth place). Because the first-place team was from Carleton, the pizza trophy (a handsome granite model of a dissection proof of a theorem in geometry) will spend the next year in the department reception area. Kudos to all who competed!



Upcoming Game Tournament

Have you got mad board game skills? Match yours against other majors and departmental faculty! Coming this spring will be a board game tournament. A sign-up sheet will go on the white board soon, and we will make the big announcement of what the game is! Watch the white board for more details!

Fun Math Books

We have four new books to introduce and add to the Reading Nook in the back corner of the Math Skills Center. These books make up a four-volume reference called *The World of Mathematics*. This reference is meant to make mathematics more accessible to the layman.

Volume I includes: a general survey; historical and biographical information on prominent mathematicians throughout history; material on arithmetic, number, and the art of counting; and the mathematics of space and motion.

Volume II includes: broad areas of mathematics and the physical world; mathematics and social science; the laws of chance.

Volume III includes ten parts! Some include topics in group theory, the mathematics of infinity, the vocabulary of mathematics, the unreasonableness of mathematics, and mathematics as an art.

Volume IV considers topics such as mathematical machines, mathematics in warfare, a mathematical theory of art, mathematics of good, mathematics and music, and amusements, puzzles, and fancies.

Job & Summer Opportunities

EDGE Summer Session

Are you a female math major thinking of going to graduate school in mathematics? EDGE (Enhancing Diversity in Graduate Education) is a comprehensive mentoring program designed to strengthen the ability of women to successfully complete PhD programs and persist in careers in mathematical sciences. This year's summer session will be held at Howard University in Washington, DC from June 1-26. For more info, visit www.edgeforwomen.org.

U of Michigan Undergraduate Summer Institute in Biostatistics

This full-time 4-week summer institute will introduce undergraduate students to emerging challenges at the intersection of big data, statistics, and human health. Lectures will be led by a diverse group of faculty in biostatistics, statistics, electrical engineering, and computer science at the University of Michigan. Working in teams, students will participate in mentored big data research projects in genomics, imaging, or electronic health records. For more information, visit www.bigdatasummerinst.sph.umich.edu.

Problem of the Fortnight

Problem 9:

A set of 10 positive 2 digit integers is given. Prove that there are two disjoint subsets of this set with the same sum.



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