Notices
of the American Mathematical Society

October 2018

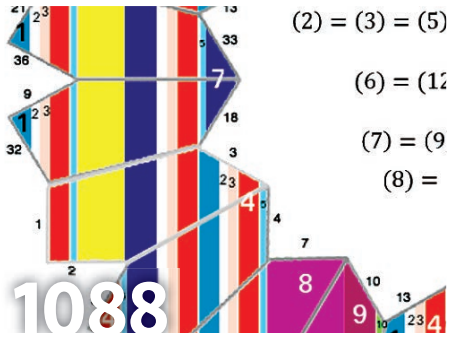
FEATURED

The On-Line Encyclopedia of Integer Sequences

Neil J. A. Sloane

AMS Fall Western Sectional Sampler

Srikanth B. Iyengar, Sarah Witherspoon, and Abdul-Aziz Yakubu



Geometry Labs United: An Invitation

Jayadev Athreya, David Dumas, William Goldman, Sergey Grigorian, Rosemary Guzman, Philipp Hieronymi, Sean Lawton, Anton Lukyanenko, Jeremy Tyson, and Aaron Wilson

"This is wonderful.... It will be read by thousands for many years to come," wrote one editor upon seeing Neil Sloane's article The On-Line Encyclopedia of Integer Sequences. The sequences and related unsolved problems are fascinating. This article alone will so stimulate your hunger for math that you will want to register immediately for the January 2019 Joint Mathematics Meetings in Baltimore. Meanwhile, you can enjoy the lecture samplers herein for this month's Western Sectional at San Francisco State. We've also got an interview with Juan Meza, the new director for the Division of Mathematical Sciences at the National Science Foundation.
—Frank Morgan, Editor-in-Chief

JMM 2019:

1115 Mathematical Sciences Employment Center in Baltimore

1131 AMS Short Course in Baltimore

1163 Baltimore Meeting Special Section

1165 Program Announcements

1200 Baltimore City Map

1201 Program Timetable at a Glance

1215 Baltimore Meeting Registration Forms

ALSO IN THIS ISSUE

1098 Book Review: Reverse Mathematics
Carl Mummert

1104 Interview with NSF DMS Director Juan Meza
Robert L. Bryant

GRADUATE STUDENT SECTION

1084 Ruth Haas Interview
Alexander Diaz-Lopez

1086 WHAT IS...a Rectifiable Set?

FROM THE AMS SECRETARY

1096 Statistics on Women Mathematicians, Compiled by the AMS

1108 Report of the AMS Treasurer—2017

1127 Call for Suggestions for 2019 Elections

Notices
of the American Mathematical Society

IN EVERY ISSUE

1107 The Back Page

1118 Mathematics People

1124 Mathematics Opportunities

1128 Inside the AMS

1134 Classified Advertising

1140 New Publications Offered by the AMS

1149 Meetings and Conferences of the AMS

Cover: National Aquarium, Inner Harbor, Baltimore, Maryland, USA. Credit: Glowimages. Courtesy of Getty Images.

EDITOR'S NOTE.

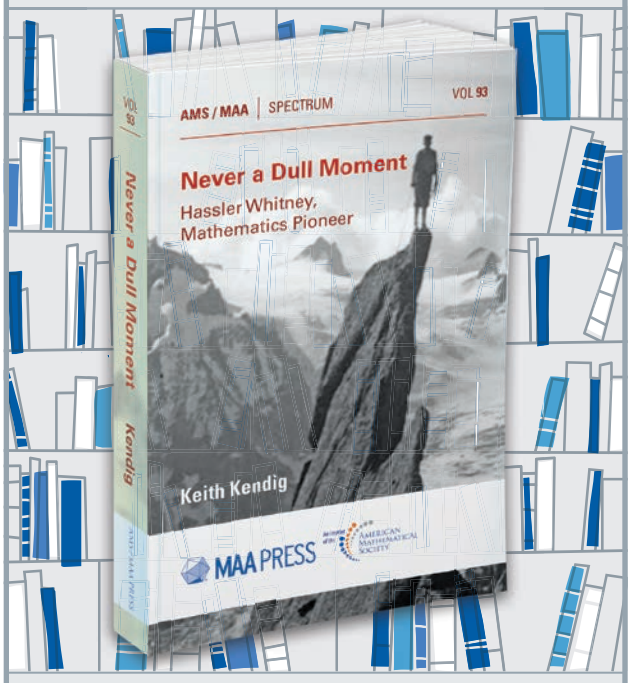
Jean-Pierre Bourguignon kindly sent us this color version of a photo we ran in "Ad Honorem Claire Voisin" in the April 2018 *Notices*. The photo was taken at the conference at IHÉS for his 60th birthday by Jean-François Dars.

AMS / MAA Press

NEVER A DULL MOMENT

HASSLER WHITNEY, MATHEMATICS PIONEER

Keith Kendig, *Cleveland State University, OH*



This biography is a revealing portrait of a fascinating personality and a titan of twentieth-century mathematics, Hassler Whitney. Whitney is probably best known for introducing the grandfather of today's innumerable embedding theorems—his strong embedding theorem stating that any smooth manifold can be smoothly embedded in a Euclidean space of twice the manifold's dimension. This in turn led to several standard techniques used every day in algebraic topology. Whitney also established the fundamentals of graph theory, the four-color problem, matroids, extending smooth functions, and singularities of smooth functions. He almost never used complicated technical machinery, so most of his work is accessible to a general reader with a modest mathematical background.

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