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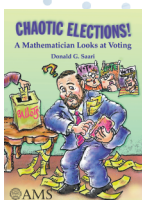
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AMERICAN MATHEMATICAL SOCIETY

April 2016 - Math Awareness Month

The Future of Prediction

Mathematics Awareness Month 2016 will explore how mathematics and statistics are the future of prediction, providing insights and driving innovation. We offer the following selection of titles from the AMS, relating to this year's theme.



Chaotic Elections! A Mathematician Looks at Voting

Donald G. Saari, *University of California, Irvine, CA*

Take a look at this interesting book. It will cause you to reexamine ranking and voting methods that you may have come to rely on.

—*Math Horizons*

Mathematics can help to identify and characterize a disturbingly large number of paradoxical situations that result from the choice of a voting procedure. Moreover, rather than being able to dismiss them as anomalies, the likelihood of a dubious election result is surprisingly large. These consequences indicate that election outcomes can differ from what the voters really wanted.

2001; 159 pages; Softcover; ISBN: 978-0-8218-2847-2; List US\$28; AMS members US\$22.40; Order code ELECT



What's Happening in the Mathematical Sciences, Volume 10

Dana Mackenzie and Barry Cipra

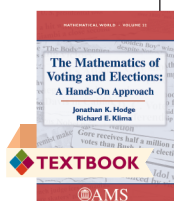
This is an important collection of articles highlighting some of the most recent developments in mathematics. These include important achievements in pure and applied mathematics. It includes articles on Origami, Climate Change, Sports Analytics, and more.

What's Happening in the Mathematical Sciences, Volume 10; 2015; 111 pages; Softcover; ISBN: 978-1-4704-2204-2; List US\$25; AMS members US\$20; Order code HAPPENING/10

2001

2005

2015



The Mathematics of Voting and Elections: A Hands-On Approach

Jonathan K. Hodge, *Grand Valley State University, Allendale, MI*, and Richard E. Klima, *Appalachian State University, Boone, NC*

Every instructor teaching this subject should consider this as the textbook, and should have this book regardless of what textbook chosen.

—*MAA Reviews*

Have you ever wondered ... why elections often produce results that seem to be displeasing to many of the voters involved? Would you be surprised to learn that a perfectly fair election can produce an outcome that literally nobody likes? This book will help you discover answers to these and many other questions.

Mathematical World, Volume 22; 2005; 226 pages; Softcover; ISBN: 978-0-8218-3798-6; List US\$41; AMS members US\$32.80; Order code MAWRDL/22

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