Feature Articles

200  Math Circles and Olympiads
MSRI Asks: Is the U.S. Coming of Age?
James Tanton

Math circles are extracurricular school organizations of students and mentor teachers that explore mathematics. The author reports on several different models of such organizations, and on a recent conference about them.

206  A System of Axioms of Set Theory for the Rationalists
Jan Mycielski

The author proposes and discusses a system of axioms for set theory based on his principle that logic and set theory constitute a framework for describing reality consistent with evolving human natural perception.

Communications

218  In High Gear: Spanish Mathematics Looks to the Future—and to ICM2006
Allyn Jackson

223  Interview with Peter D. Lax
Martin Raussen and Christian Skau

230  2005 Annual Survey of the Mathematical Sciences (First Report)
Ellen E. Kirkman, James W. Maxwell, and Colleen Rose

Commentary

197  Opinion: Welcome to Madrid for ICM2006: The Spanish Mathematics Fiesta
Manuel de Léon

198  Letters to the Editor

215  PopCo—A Book Review
Reviewed by Alex Kasman
Departments

Mathematics People

Colmez and Le Call Awarded Fermat Prize, AAAS Fellows Elected, NSF Graduate Fellowships Awarded.

Mathematics Opportunities

NSF-CBMS Regional Conferences, 2006; Call for Proposals for 2007 NSF-CBMS Regional Conferences; National Academies Research Associateship Programs, National Academies Graduate Fellowship Program, ONR Young Investigator Program, Clay Mathematics Institute 2006 Summer School.

Inside the AMS

AMS Congressional Briefing: How Mathematics Helps Predict Storm Surges, AMS Email Support for Frequently Asked Questions, Deaths of AMS Members.

Reference and Book List


Mathematics Calendar

New Publications Offered by the AMS.

Classified Advertisements

General Information Regarding Meetings & Conferences of the AMS

Meetings & Conferences Table of Contents

From the AMS Secretary

2005 Election Results

Call for Suggestions for 2006 AMS Elections

Nomination Petition for 2006 Election

Call for Nominations for AMS Exemplary Program Prize

Call for Nominations for Leroy P. Steele Prizes