
Reference and Book List

The *Reference* section of the Notices is intended to provide the reader with frequently sought information in an easily accessible manner. New information is printed as it becomes available and is referenced after the first printing. As soon as information is updated or otherwise changed, it will be noted in this section.

Contacting the Notices

The preferred method for contacting the *Notices* is electronic mail. The editor is the person to whom to send articles and letters for consideration. Articles include feature articles, memorial articles, communications, opinion pieces, and book reviews. The editor is also the person to whom to send news of unusual interest about other people's mathematics research.

The managing editor is the person to whom to send items for "Mathematics People", "Mathematics Opportunities", "For Your Information", "Reference and Book List", and "Mathematics Calendar". Requests for permissions, as well as all other inquiries, go to the managing editor.

The electronic-mail addresses are notices@math.tamu.edu in the case of the editor and notices@ams.org in the case of the managing editor. The fax numbers are 979-845-6028 for the editor and 401-331-3842 for the managing editor. Postal addresses may be found in the masthead.

Upcoming Deadlines

July 15, 2003: Applications for Women's International Science Collaboration (WISC) Program. See <http://www.aaas.org/international/wiscnew.shtml> or contact WISC Travel Grant, American Association for the Advancement of Science, Directorate for International Programs, 1200 New York Avenue, NW, Washington, DC 20005.

July 24, 2003: Proposals for NSF CAREER Program. See <http://www.nsf.gov/pubs/2002/nsf02111/nsf02111.htm>.

July 28, 2003: Proposals for VIGRE grants. See <http://www.nsf.gov/pubs/2002/nsf02120/nsf02120.htm>.

August 1, 2003: Nominations for National Academies Communications Awards. See "Mathematics Opportunities" in this issue.

August 1, 2003: Applications for 2004-2005 Fulbright traditional lecturing and research grants. Contact

Where to Find It

A brief index to information that appears in this and previous issues.

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AMS Officers 2002 and 2003 (Council, Executive Committee, Publications Committees, Board of Trustees)—May 2003, p. 594

AMS Officers and Committee Members—October 2002, p. 1108

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Program Officers for Federal Funding Agencies—October 2002, p. 1103 (DoD, DoE); November 2002, p. 1278 (NSF Education Program Officers); December 2002, p. 1406 (DMS Program Officers)

the Council for International Exchange of Scholars (CIES), 3007 Tilden Street, NW, Suite 5L, Washington, DC 20008-3009; telephone 202-686-7877; email: apprequest@cies.iie.org; or see <http://www.cies.org>.

August 15, 2003: Applications for National Research Council Research Associateship Program. See <http://www4.nationalacademies.org/pgarap.nsf>, or contact the National Research Council, Associateship Programs (TJ 2114), 2101 Constitution Avenue, NW, Washington, DC 20418; telephone 202-334-2760; fax 202-334-2759; email: rap@nas.edu.

August 19, 2003: Letters of intent for NSF Focused Research Groups. See "Mathematics Opportunities" in this issue.

August 25, 2003: Proposals for COBASE Collaborative Grants. See "Mathematics Opportunities" in this issue.

September 15, 2003: Nominations for Sloan Research Fellowships. Contact the Alfred P. Sloan Foundation, 630 Fifth Avenue, Suite 2550, New York, New York 10111, or see <http://www.sloan.org>.

September 19, 2003: Full proposals for NSF Focused Research Groups. See "Mathematics Opportunities" in this issue.

October 1, 2003: Nominations for AWM Hay Award and Schafer Prize. Contact The Hay Award Selection Committee or The Alice T. Schafer Award Selection Committee, Association for Women in Mathematics, 4114 Computer & Space Sciences Building, University of Maryland, College Park, MD 20742-2461; telephone 301-405-7892; email: awm@math.umd.edu; website: <http://www.awm-math.org>.

October 15, 2003: Applications for spring semester of Math in Moscow and for AMS scholarships. See <http://www.mccme.ru/mathinmoscow> or contact Math in Moscow, P.O. Box 524, Wynnewood, PA 19096; fax +7095-291-65-01; email: mim@mccme.ru. For information about and application forms for the AMS scholarships, see <http://www.ams.org/careers-edu/mimoscow.html> or contact Math in Moscow Program, Membership and Programs Department, American

Mathematical Society, 201 Charles Street, Providence, RI 02904; email: prof-serv@ams.org.

October 17, 2003: Applications for NSF Mathematical Sciences Postdoctoral Research Fellowships. See "Mathematics Opportunities" in this issue.

November 1, 2003: Applications for 2004-2005 Fulbright spring/summer seminars in Germany, Korea, and Japan and for summer German Studies Seminar. Contact the Council for International Exchange of Scholars (CIES), 3007 Tilden Street, NW, Suite 5L, Washington, DC 20008-3009; telephone: 202-686-7877; email: apprequest@cies.iie.org; or see <http://www.cies.org>.

December 31, 2003: Entries for *Cryptologia* paper competitions. See <http://www.dean.usma.edu/math/pubs/cryptologia/> or contact *Cryptologia*, Department of Mathematical Sciences, United States Military Academy, West Point, NY 10996; email: Cryptologia@usma.edu.

January 2, 2004: Applications for Fields Institute postdoctoral fellowships. See <http://www.fields.utoronto.ca/proposals/postdoc.html>.

June 30, 2004: Proposals for DMS/NIGMS Program in Mathematical Biology. See "Mathematics Opportunities" in this issue.

Contact Information for Mathematics Institutes

American Institute of Mathematics AIM Research Conference Center (ARCC)

360 Portage Avenue
Palo Alto, CA 94306-2244
Telephone: 650-845-2074
Fax: 650-845-2074
email: conrey@aimath.org
World Wide Web:
<http://www.aimath.org>
<http://www.aimath.org/ARCC/>

Stefan Banach International Mathematical Center

8 Sniadeckich str.
00-950 Warszawa, Poland
Telephone: (+48-22) 628-01-92
Fax: (+48-22) 622-57-50
email: banach@impan.gov.pl
World Wide Web:
<http://www.impan.gov.pl/BC>

Banff International Research Station

c/o PIMS Central Office
University of British Columbia
1933 West Mall
Vancouver, BC, Canada V6T 1Z2
Telephone: 780-492-3613
Fax: 780-492-6826
email: rvm@pims.math.ca
World Wide Web:
<http://www.pims.math.ca/birs/>

Center for Discrete Mathematics and Theoretical Computer Science (DIMACS)

CoRE Building, 4th Floor
Rutgers University
96 Frelinghuysen Road
Piscataway, NJ 08854-8018
Telephone: 732-445-5930
Fax: 732-445-5932
email: center-admin@dimacs.rutgers.edu
World Wide Web:
<http://dimacs.rutgers.edu>

Center for Scientific Computation and Mathematical Modeling (CSCAMM)

University of Maryland
4146 CSIC Building #406
Paint Branch Drive
College Park, MD 20742-3289
Telephone: 301-405-0662
Fax: 301-314-6674
email: info@cscamm.umd.edu
World Wide Web:
<http://www.cscamm.umd.edu>

Centre International de Rencontres Mathématiques (CIRM)

Case 916, 163, avenue de Luminy
13288 Marseille Cedex 09, France
Telephone: (+33) 04 91 83 30 00
Fax: (+33) 04 91 83 30 05
email: cirm@cirm.univ-mrs.fr
World Wide Web:
<http://www.cirm.univ-mrs.fr/indexE.html>

Centre for Mathematical Physics and Stochastics (MaPhySto)

Department of Mathematical Sciences
University of Aarhus
Ny Munkegade
DK-8000 Aarhus C, Denmark
Telephone: (+45) 8942 3532
Fax: (+45) 8613 1769

email: maphysto@maphysto.dk
World Wide Web:
<http://www.maphysto.dk>

Centre for Mathematics and Its Applications

Building 27
Australian National University
Canberra ACT 0200, Australia
Telephone: (+61) 2 6125 2897
Fax: (+61) 2 6125 5549
email:
CMAadmin@maths.anu.edu.au
World Wide Web:
<http://www.maths.anu.edu.au/CMA/>

Centre de Recerca Matemàtica (CRM)

Apartat 50
E-08193 Bellaterra, Spain
Telephone: (+34) 935 811 081
Fax: (+34) 935 812 202
email: crm@crm.es
World Wide Web: <http://crm.es>

Centre de Recherches Mathématiques (CRM)

Université de Montréal
C.P. 6128, Succ. Centre-ville
Montréal, Québec, Canada H3C 3J7
Telephone: 514-343-7501
Fax: 514-343-2254
email:
activites@crm.umontreal.ca
World Wide Web:
<http://www.crm.umontreal.ca>

Centro de Investigación en Matemáticas (CIMAT)

A. P. 402, Guanajuato, Gto.
C.P. 36000, Mexico
Telephone: 473 73 271-55
Fax: 473 73 257-49
email: cimat@cimat.mx
World Wide Web:
<http://www.cimat.mx>

Chennai Mathematical Institute

92 G. N. Chetty Road
Chennai 600 017, India
Telephone: (+91) 44-28157854,
28157855
Fax: (+91) 44-28157671
email: office@cmi.ac.in
World Wide Web:
<http://www.cmi.ac.in>

Erwin Schrödinger Institute for Mathematical Physics

Boltzmannngasse 9
A-1090 Vienna, Austria
Telephone (+43) 1 317 20 47/11
Fax: (+43) 1 317 20 47/30
email: secr@esi.ac.at
World Wide Web:
<http://www.esi.ac.at/>

Euler International Mathematical Institute

27, Fontanka
St. Petersburg 191011, Russia
Telephone: 7 (812) 312-40-58
Fax: 7 (812) 310-53-77
email: admin@euler.pdmi.ras.ru
World Wide Web:
<http://www.pdmi.ras.ru/EIMI/index.html>

Fields Institute for Research in Mathematical Sciences

222 College Street, 2nd Floor
Toronto, Ontario, Canada M5T 3J1
Telephone: 416-348-9710
Fax: 416-348-9714
email:
geninfo@fields.utoronto.ca
World Wide Web:
<http://www.fields.utoronto.ca>

Forschungsinstitut für Mathematik (FIM)

Eidgenössische Technische
Hochschule Zentrum
Ramistrasse 101
8092 Zurich, Switzerland
Telephone: (+41) 1-632-3475
Fax: (+41) 1-632-1614
email:
Marcela.Kraemer@math.ethz.ch
World Wide Web:
<http://www.fim.math.ethz.ch>

Institut des Hautes Études Scientifiques (IHÉS)

Le Bois-Marie
35, route de Chartres
F-91440 Bures-sur-Yvette, France
Telephone: (+33) 1 60 92 66 00
Fax: (+33) 1 60 92 66 69
World Wide Web:
<http://www.ihes.fr>

Institut Henri Poincaré

11, rue Pierre et Marie Curie
75231 Paris Cedex 05, France
Telephone : 01 44 27 67 89

Fax : 01 43 25 40 67
<http://www.ihp.jussieu.fr>

Institut Mittag-Leffler

Auravägen 17
S-182 62 Djursholm, Sweden
Telephone: (+46) 8 622 05 60
Fax: (+46) 8 622 05 89
email: widman@m1.kva.se
World Wide Web:
<http://www.m1.kva.se>

Institute for Advanced Study (IAS)

School of Mathematics
1 Einstein Drive
Princeton, NJ 08540
Telephone: 609-734-8100
Fax: 609-951-4459
email: math@math.ias.edu
World Wide Web:
<http://www.math.ias.edu>

Institute for Mathematical Sciences

National University of Singapore
3 Prince George's Park
Singapore 118402, Republic of
Singapore
Telephone: 65 6874 1897
Fax: 65 6873 8292
email: ims@nus.edu.sg
World Wide Web:
<http://www.ims.nus.edu.sg>

Institute for Mathematics and its Applications (IMA)

University of Minnesota
400 Lind Hall
207 Church Street, SE
Minneapolis, MN 55455-0436
Telephone: 612-624-6066
Fax: 612-626-7370
email: staff@ima.umn.edu
World Wide Web:
<http://www.ima.umn.edu/>

Institute for Pure and Applied Mathematics (IPAM)

IPAM Building
460 Portola Plaza
Box 957121
Los Angeles, CA 90095-7121
Telephone: 310-825-4755
Fax: 310-825-4756
email: ipam@ucla.edu
World Wide Web:
<http://www.ipam.ucla.edu>

Institute of Mathematical Sciences
Chinese University of Hong Kong

Unit 601, 6/F
Academic Building No. 1
Shatin, Hong Kong
Telephone: 852 2609-8038
Fax: 852 2603-7636
email: ims@ims.cuhk.edu.hk
World Wide Web:
<http://www.ims.cuhk.edu.hk>

Instituto Nacional de Matemática Pura e Aplicada (IMPA)
Estrada Dona Castorina, 110
22460-320 Rio de Janeiro, RJ, Brazil
Telephone: (+55) 21-2529-5000
Fax: (+55) 21-2512-4115
World Wide Web:
<http://www.impa.br>

International Center for Theoretical Physics (ICTP)
Strada Costiera 11, P.O. Box 586
34100 Trieste, Italy
Telephone: (+39) 040 2240111
Fax: (+39) 040 224163
email: sci_info@ictp.trieste.it
World Wide Web:
<http://www.ictp.trieste.it>

International Centre for Mathematical Sciences (ICMS)
14 India Street
Edinburgh EH3 6EZ, Scotland
Telephone: +44 (0)131 220 1777
Fax: +44 (0)131 220 1053
email: icms@math.ed.ac.uk
World Wide Web:
<http://www.ma.hw.ac.uk/icms>

Isaac Newton Institute for Mathematical Sciences
20 Clarkson Road
Cambridge CB3 0EH, England
Telephone: (+44) 1223-335999
Fax: (+44) 1223-330508
email: info@newton.cam.ac.uk
World Wide Web: <http://www.newton.cam.ac.uk>

Istituto Nazionale di Alta Matematica "F. Severi" (INDAM)
Citta Universitaria
P. le Aldo Moro 5
00185 Rome, Italy
Telephone: 06490320
Fax: 064462293
email: indam@mat.uniroma1.it
World Wide Web:
<http://indam.mat.uniroma1.it>

Korea Institute for Advanced Study (KIAS)
207-43 Cheongnyangni 2-dong
Dongdaemun-gu
Seoul 130-722, Korea
Telephone: (+82) 2-958-3711
Fax: (+82) 2-958-3770
World Wide Web:
<http://www.kias.re.kr>

Mathematical Biosciences Research Institute
The Ohio State University
231 West 18th Avenue
Columbus, OH 43210
Telephone: 614-292-3648
Fax: 614-247-6643
email: rebecca@mbi.osu.edu
World Wide Web:
<http://www.mbi.osu.edu>

Mathematical Research Centre (MCAA)
University of Aarhus
Department of Mathematical Sciences
Ny Munkegade
8000 Aarhus C, Denmark
Telephone: (+45) 8942 1111
Fax: (+45) 8613 1769
email: mcaa@imf.au.dk
World Wide Web:
<http://www.imf.au.dk/ResearchC/MCAA/index.html>

Mathematical Sciences Research Institute (MSRI)
1000 Centennial Drive, #5070
Berkeley, CA 94720-5070
Telephone: 510-642-0143
Fax: 510-642-8609
email: inquiries@msri.org
World Wide Web:
<http://www.msri.org/>

Mathematics Institute
University of Warwick
Coventry CV4 7AL, UK
Telephone: +44 (0)24 7652 4661
Fax: +44 (0)24 7652 4182
World Wide Web:
<http://www.maths.warwick.ac.uk>

Mathematics Research Institute (Oberwolfach)
Lorenzenhof
D-77709 Oberwolfach-Walke,
Germany
Telephone: (+49) 7834 979 50

Fax: (+49) 7834 979 55
email: admin@mfo.de
World Wide Web:
<http://www.mfo.de>

Max-Planck-Institut für Mathematik
P.O. Box 7280
D-53072 Bonn, Germany
Telephone: (+49) 228 402 0
Fax: (+49) 228 402277
email: admin@mpim-bonn.mpg.de
World Wide Web:
<http://www.mpim-bonn.mpg.de>

Max-Planck-Institut für Mathematik in den Naturwissenschaften
Inselstrasse 22-26
04103 Leipzig, Germany
Telephone: (+49) 341 9959 50
Fax: (+49) 341 9959 658
World Wide Web:
<http://www.mis.mpg.de>

Nankai Institute of Mathematics
Nankai University
Weijin Road 94
Tianjin 300071, China
Fax: (+86) 22-23501532
World Wide Web:
<http://202.113.29.3/english/2.htm>

New Zealand Institute of Mathematics and its Applications
University of Auckland
Private Bag 92019
Auckland, New Zealand
Telephone: (+64) 9-373-7599
Fax: (+64) 9-373-7457
email: nzima-admin@nzima.auckland.ac.nz
World Wide Web:
<http://nzima.auckland.ac.nz>

Pacific Institute for the Mathematical Sciences (PIMS)
1933 West Mall
200-220, West Mall Annex
University of British Columbia
Vancouver, BC, Canada V6T 1Z2
Telephone: 604-822-3922
Fax: 604-822-0883
email: pims@pims.math.ca
World Wide Web:
<http://www.pims.math.ca/>

**Research Institute for
Mathematical Sciences (RIMS)**

Kyoto University
Kyoto, 606-8502 Japan
Fax: (+81) 75 753 7276
World Wide Web: [http://
www.kurims.kyoto-u.ac.jp/](http://www.kurims.kyoto-u.ac.jp/)

**Statistical and Applied
Mathematical Sciences Institute
(SAMSI)**

19 T. W. Alexander Drive
P.O. Box 14006
Research Triangle Park, NC 27709-
4006
Telephone: 919-685-9350
Fax: 919-685-9360
email: info@samsi.info
World Wide Web:
<http://www.samsi.info/>

Steklov Institute of Mathematics

Russian Academy of Sciences
Leninsky, 32a
Moscow, Russia
Telephone: (+7) 095 938-1902
Fax: (+7) 095 938-1466
World Wide Web:
[http://www.ras.ru/local.docs/
mian/mian.html](http://www.ras.ru/local.docs/mian/mian.html)

Steklov Institute of Mathematics

27, Fontanka
St. Petersburg 191011, Russia
Telephone: (+7) 812-312-40-58
Fax: (+7) 812-310-53-77
email: admin@pdmi.ras.ru
World Wide Web:
<http://www.pdmi.ras.ru>

**Tata Institute of Fundamental
Research**

School of Mathematics
Homi Bhabha Road
Mumbai 400 005, India
Telephone: (+91) 22 2152971
Fax: (+91) 22 2152110, 2152181
email: registra@tifr.res.in
World Wide Web:
<http://www.math.tifr.res.in>

**Weierstrass Institute for Applied
Analysis and Stochastics**

Mohrenstrasse 39
10117 Berlin, Germany
Telephone: (+49) 30-203720
Fax: (+49) 30-2044975
email: lohse@wias-berlin.de
World Wide Web:

[http://www.wias-berlin.de/
main/](http://www.wias-berlin.de/main/)

Book List

The Book List highlights books that have mathematical themes and are aimed at a broad audience potentially including mathematicians, students, and the general public. When a book has been reviewed in the Notices, a reference is given to the review. Generally the list will contain only books published within the last two years, though exceptions may be made in cases where current events (e.g., the death of a prominent mathematician, coverage of a certain piece of mathematics in the news) warrant drawing readers' attention to older books. Suggestions for books to include on the list may be sent to notices-booklist@ams.org.

*Added to "Book List" since the list's last appearance.

1089 and All That: A Journey into Mathematics, by David Acheson. Oxford University Press, July 2002. ISBN 0-19-851623-1.

Abel's Proof: An Essay on the Sources and Meaning of Mathematical Unsolvability, by Peter Pesic. MIT Press, May 2003. ISBN 0-262-16216-4.

All the Mathematics You Missed (But Need to Know for Graduate School), by Thomas A. Garrity. Cambridge University Press, December 2001. ISBN 0-521-79707-1.

The Annotated Flatland: A Romance of Many Dimensions, Edwin A. Abbott; introduction and notes by Ian Stewart. Perseus Publishing, November 2001. ISBN 0-7382-0541-9. (Reviewed November 2002.)

The Art of the Infinite: The Pleasures of Mathematics, by Robert Kaplan and Ellen Kaplan. Oxford University Press, March 2003. ISBN 0-195-14743-X.

Behind Deep Blue: Building the Computer That Defeated the World Chess Champion, by Feng-hsiung Hsu. Princeton University Press, November 2002. ISBN 0-691-09065-3.

Beyond the Limit: The Dream of Sofya Kovalevskaya, by Joan Spicci. Forge, August 2002. ISBN 0-765-30233-0.

Codebreakers: Arne Beurling and the Swedish Crypto Program during World War II, by Bengt Beckman, translated by Kjell-Ove Widman. AMS, February 2003. ISBN 0-8218-2889-4.

The Colossal Book of Mathematics: Classic Puzzles, Paradoxes, and Problems, by Martin Gardner. W. W. Norton & Company, August 2001. ISBN 0-393-02023-1. (Reviewed October 2002.)

Conned Again, Watson! Cautionary Tales of Logic, Math, and Probability, by Colin Bruce. Perseus Publishing, January 2001. ISBN 0-7382-0345-9. (Reviewed November 2002.)

The Constants of Nature: From Alpha to Omega—The Numbers That Encode the Deepest Secrets of the Universe, by John D. Barrow. Jonathan Cape, September 2002. Pantheon Books, January 2003. ISBN 0-375-42221-8.

Correspondance Grothendieck-Serre, Pierre Colmez and Jean-Pierre Serre, editors. Société Mathématique de France, 2001. ISBN 2-85629-104-X.

Damned Lies and Statistics: Untangling Numbers from the Media, Politicians, and Activists, by Joel Best. University of California Press, May 2001. ISBN 0-520-21978-3. (Reviewed February 2003.)

Does God Play Dice? The New Mathematics of Chaos, by Ian Stewart. Blackwell, revised second edition, January 2002. ISBN 0-631-23251-6. (Reviewed December 2002.)

Doing Mathematics: Convention, Subject, Calculation, Analogy, by Martin H. Krieger. World Scientific, April 2003. ISBN 9-812-38200-3.

Emergence of the Theory of Lie Groups. An Essay in the History of Mathematics, 1869-1926, by Thomas Hawkins. Springer-Verlag, 2000. ISBN 0-387-98963-3. (Reviewed June/July 2003.)

Entanglement: The Greatest Mystery in Physics, by Amir D. Aczel. Four Walls Eight Windows, October 2002. ISBN 1-56858-232-3.

Four Colors Suffice: How the Map Problem Was Solved, by Robin Wilson. Princeton University Press, March 2003. ISBN 0-691-11533-8.

The Fractal Murders, by Mark Cohen. Muddy Gap Press, May 2002. 0-9718986-0-X.

Fragments of Infinity: A Kaleidoscope of Math and Art, by Ivars Peterson. John Wiley & Sons, October 2001. ISBN 0-471-16558-1. (Reviewed October 2002.)

Gamma: Exploring Euler's Constant, by Julian Havil. Princeton University Press, May 2003. ISBN 0-691-09983-9.

* *Geometrical Landscapes: The Voyages of Discovery and the Transformation of Mathematical Practice*, by Amir R. Alexander. Stanford University Press, September 2002. ISBN 0-804-73260-4.

Geometry: Our Cultural History, by Audun Holme. Springer, April 2002. ISBN 3-540-41949-7.

The Glass Wall: Why Mathematics Can Seem Difficult, by Frank Smith. Teachers College Press, July 2002. ISBN 0-807-74241-4 (paperback), 0-807-74242-2 (cloth).

God in the Equation: How Einstein Became the Prophet of the New Religious Era, by Corey S. Powell. Free Press, August 2002. ISBN 0-684-86348-0.

Gödel's Proof, by Ernest Nagel and James R. Newman. New York University Press, revised edition, February 2002. ISBN 0-8147-5816-9.

The Golden Ratio: The Story of Phi, the World's Most Astonishing Number, by Mario Livio. Broadway Books, October 2002. ISBN 0-767-90815-5.

The Hilbert Challenge, by Jeremy J. Gray. Oxford University Press, December 2000. ISBN 0-198-50651-1. (Reviewed September 2002.)

Hinged Dissections: Swinging and Twisting, by Greg N. Frederickson. Cambridge University Press, September 2002. ISBN 0-521-81192-9.

The Honors Class, by Benjamin Yandell. A K Peters, December 2001. ISBN 1-568-81141-1. (Reviewed September 2002.)

How the Other Half Thinks: Adventures in Mathematical Reasoning, by Sherman Stein. McGraw-Hill, July 2001. ISBN 0-071-37339-X. (Reviewed September 2002.)

How the Universe Got Its Spots, by Jenna Levin. Princeton University Press, April 2002. ISBN 0-691-09657-0.

Imagining Numbers (particularly the square root of minus fifteen), by Barry Mazur. Farrar, Straus and Giroux, February 2003. ISBN 0-374-17469-5.

In Code: A Mathematical Journey, by Sarah Flannery and David Flannery. Workman Publishing, May 2001. ISBN 0-761-12384-9. (Reviewed April 2003.)

Indra's Pearls: The Vision of Felix Klein, by David Mumford, Caroline Series, and David J. Wright. Cambridge University Press, January 2002. ISBN 0-521-35253-3. (Reviewed January 2003.)

It Must Be Beautiful: Great Equations of Modern Science, Graham Farmelo, editor. Granta Books, February 2002. ISBN 1-862-07479-8. (Reviewed March 2003.)

Janos Bolyai, Euclid, and the Nature of Space, by Jeremy J. Gray. MIT Press, May 2003. ISBN 0-262-57174-9.

Linked: The New Science of Networks, by Albert-László Barabási. Perseus Publishing, May 2002. ISBN 0-738-20667-9.

M. C. Escher's Legacy: A Centennial Celebration, edited by Doris Schattschneider and Michele Emmer. Springer, January 2003. ISBN 3-540-42458-X. (Reviewed April 2003.)

Mathematical Apocrypha: Stories and Anecdotes of Mathematicians and the Mathematical, by Steven G. Krantz. Mathematical Association of America, July 2002. ISBN 0-883-85539-9.

Mathematical Reflections, by Peter Hilton, Derek Holton, and Jean Pedersen. Springer-Verlag, December 1996. ISBN 0-387-94770-1. (Reviewed February 2003.)

Mathematical Vistas, by Peter Hilton, Derek Holton, and Jean Pedersen. Springer-Verlag, January 2002. ISBN 0-387-95064-8. (Reviewed February 2003.)

Mathematics: A Very Short Introduction, by Timothy Gowers. Oxford University Press, October 2002. ISBN 0-192-85361-9.

Mathematics and the Roots of Postmodern Thought, by Vladimir Tasić. Oxford University Press, 2001. ISBN 0-195-13967-4. (Reviewed in this issue.)

Mathematics Elsewhere: An Exploration of Ideas across Cultures, by Marcia Ascher. Princeton University Press, September 2002. ISBN 0-691-07020-2. (Reviewed May 2003.)

Mathematics Galore: Masterclasses, Workshops, and Team Projects in Mathematics and Its Applications, by

C. J. Budd and C. J. Sangwin. Oxford University Press, June 2001. ISBN 0-198-50769-0 (hardcover), 0-198-50770-4 (paperback). (Reviewed September 2002.)

The Mathematics of Juggling, by Burkard Polster. Springer, November 2002. ISBN 0-387-95513-5.

The Mathematics of Oz: Mental Gymnastics from beyond the Edge, by Clifford Pickover. Cambridge University Press, October 2002. ISBN 0-521-01678-9.

The Millennium Problems: The Seven Greatest Unsolved Mathematical Puzzles of Our Time, by Keith J. Devlin. Basic Books, October 2002. ISBN 0-465-01729-0.

More Mathematical Astronomy Morsels, by Jean Meeus. Willmann-Bell Inc., 2002. ISBN 0-943396-743.

The Music of the Primes: Searching to Solve the Greatest Mystery in Mathematics, by Marcus Du Sautoy. HarperCollins, April 2003. ISBN 0-066-21070-4.

A New Kind of Science, by Stephen Wolfram. Wolfram Media, Inc., May 2002. ISBN 1-579-55008-8. (Reviewed February 2003.)

Nexus: Small Worlds and the Ground-breaking Science of Networks, by Mark Buchanan. W. W. Norton & Company, May 2002. ISBN 0-393-04153-0.

* *The One True Platonic Heaven: A Scientific Fiction of the Limits of Knowledge*, by John L. Casti. Joseph Henry Press, May 2003. ISBN 0-309-08547-0.

*Origami*³, edited by Thomas Hull. A K Peters, July 2002. ISBN 1-568-81181-0.

Prime Obsession: Bernhard Riemann and the Greatest Unsolved Problem, by John Derbyshire. Joseph Henry Press, March 2003. ISBN 0-309-08549-7.

The Rainbow Bridge: Rainbows in Art, Myth, and Science, by Raymond L. Lee Jr. and Alistair B. Fraser. Pennsylvania State University Press and SPIE Press, 2001. ISBN 0-271-01977-8. (Reviewed December 2002.)

Remarkable Mathematicians, by Ioan James. Cambridge University Press, February 2003. ISBN 0-521-52094-0.

The Riemann Hypothesis: The Greatest Unsolved Problem in Mathematics, by Karl Sabbagh. Farrar Straus

& Giroux, April 2003. ISBN 0-374-25007-3.

* *The Search for Certainty: A Philosophical Account of Foundations of Mathematics*, by Marcus Giaquinto. Oxford University Press, October 2002. ISBN 0-198-75244-X.

Six Degrees: The Science of a Connected Age, by Duncan J. Watts. W. W. Norton & Company, February 2003. ISBN 0-393-04142-5.

Spaceland, by Rudy Rucker. Tor Books, June 2002. ISBN 0-765-30366-3.

Sync: The Emerging Science of Spontaneous Order, by Steven Strogatz. Hyperion, February 2003. ISBN 0-786-86844-9.

Wavelets through a Looking Glass: The World of the Spectrum, by Ola Bratelli and Palle Jorgensen. Birkhäuser/Springer, 2002. ISBN 0-8176-4280-3.

What Are the Odds? The Chances of Extraordinary Events in Everyday Life, by Jefferson Hane Weaver. Prometheus Books, February 2002. ISBN 1-573-92933-6.

What Shape Is a Snowflake?, by Ian Stewart. W. H. Freeman & Co., November 2001. ISBN 0-716-74794-4. (Reviewed December 2002.)

The Zen of Magic Squares, Circles, and Stars: An Exhibition of Surprising Structures across Dimensions, by Clifford A. Pickover. Princeton University Press, January 2001. ISBN 0-691-07041-5. (Reviewed March 2003.)