
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.

Upcoming Deadlines

January 4, 1999: Deadline for receipt of applications for the NRC-Ford Foundation Postdoctoral Fellowships for Minorities. For more information consult the Web site <http://www2.nas.edu/fo/2102.html>; or contact the Fellowship Office, National Research Council, 2101 Constitution Avenue, NW, Washington, DC 20418; telephone 202-334-2860.

January 8, 1999: Deadline for applications for the Herman Goldstine Fellowship in Mathematical Sciences. For details see “Mathematics Opportunities” in this issue.

February 5, 1999: Deadline for receipt of proposals for MAA Grants for Women and Mathematics Projects. For more information consult the Web site http://www.maa.org/projects/solic_99.html; or contact Bernice Kastner, Mathematical Association of America, 1529 Eighteenth Street, NW, Washington, DC 20036; telephone 800-741-9415; e-mail: bkastner@maa.org.

February 16, 1999: Deadline for proposals for the first VIGRE Grant competition. For details see “Mathematics Opportunities” in this issue.

February 28, 1999: Deadline for proposals for the 2001-2002 scientific program of the Mittag-Leffler Institute. For more information consult the Web site <http://www.ml.kva.se/proposals.html>; or contact the director of the Institute, Kjell-Ove Widman, at widman@ml.kva.se.

March 1, 1999: Deadline for applications for the EDGE Summer Pro-

gram. For details see “Mathematics Opportunities” in this issue.

March 31, 1999: Deadline for applications for the Mittag-Leffler Institute postdoctoral fellowships. For details see “Mathematics Opportunities” in this issue.

July 19, 1999: Deadline for proposals for the second VIGRE Grant competition. For details see “Mathematics Opportunities” in this issue.

Where to Find It

A brief index to information that appears in this and previous issues of the *Notices*.

AMS e-mail addresses

November 1998, p. 1369

AMS Ethical Guidelines

June 1995, p. 694

AMS officers and committee members

October 1998, p. 1209

Board on Mathematical Sciences and Staff

May 1998, p. 632

Bylaws of the American Mathematical Society

November 1997, p. 1339

Classification of degree-granting departments of mathematics

January 1997, p. 48

Mathematical Sciences Education Board and Staff

May 1998, p. 632

Mathematics Research Institutes contact information

May 1997, p. 598

National Science Board of NSF

November 1996, p. 1380

NSF Mathematical and Physical Sciences Advisory Committee

May 1997, p. 597

Officers of the Society 1997 and 1998 (Council, Executive Committee, Publications Committees, Board of Trustees)

May 1998, p. 625

Program officers for federal funding agencies (DoD, DoE, NSF)

October 1998, pp. 1181-1183

Book List

The **Book List** is a new feature in the Notices that will appear occasionally in this section. Readers will find listed here books that have mathematical themes and hold appeal for a wide audience, including mathematicians, students, and a significant portion of the general public. In cases where 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. While efforts are made to include as many books as possible, the list is necessarily limited to those books that have come to the attention of the Notices editors and that are deemed appropriate for inclusion in the list. Suggestions for books to include on the list may be sent to the managing editor, e-mail: notices@ams.org.

Against the Gods: The Remarkable Story of Risk, by Peter L. Bernstein, John Wiley & Sons, 1996. ISBN 0-471-12104-5. (Reviewed this issue, pp. 47-49)

The Apprenticeship of a Mathematician, by André Weil (translation by Jennifer Gage), Birkhäuser Boston, 1992. ISBN 0-817-62650-6.

A Beautiful Mind: A Biography of John Forbes Nash Jr., by Sylvia Nasar, Simon & Schuster, 1998. ISBN 0-684-81906-6. (Reviewed November 1998)

Challenges, by Serge Lang, Springer-Verlag, 1998. ISBN 0-387-94861-9.

e: The Story of a Number, by Eli Maor, paperback edition, Princeton University Press, 1998. ISBN 0-691-05854-7.

Fashionable Nonsense: Postmodern Intellectuals' Abuse of Science, by Alan Sokal and Jean Bricmont, English version of *Impostures Intellectuelles* (reviewed August 1998), St. Martin's Press, 1998. ISBN 0-312-19545-1.

Fermat's Enigma: The Epic Quest to Solve the World's Greatest Mathematical Problem, by Simon Singh, paperback edition, Bantam Books, 1998. ISBN 0-385-49362-2. (Reviewed November 1997)

Fermat's Last Theorem: Unlocking the Secret of an Ancient Mathematical Problem, by Amir D. Aczel, paperback edition, Delacorte Trade Paper, 1997. ISBN 0-385-31946-0.

The Feynman Processor, by Gerard J. Milburn and Paul Davies, Helix Books, Perseus, 1998. ISBN 0-738-20016-6.

Goodbye, Descartes: The End of Logic and the Search for a New Cosmology of the Mind, by Keith Devlin, John Wiley & Sons, 1998. ISBN 0-471-14216-6.

An Imaginary Tale: The Story of $\sqrt{-1}$, by Paul J. Nahin, Princeton University Press, 1998. ISBN 0-691-02795-1.

The Jungles of Randomness: A Mathematical Safari, by Ivars Peterson, paperback edition, John Wiley & Sons, 1998. ISBN 0-471-29587-6.

Life by the Numbers, by Keith Devlin, John Wiley & Sons, 1998. ISBN 0-471-24044-3.

Logical Dilemmas: The Life and Work of Kurt Gödel, by John W. Dawson Jr., AK Peters, 1997. ISBN 1-56881-025-3.

The Man Who Loved Only Numbers: The Story of Paul Erdős and the Search for Mathematical Truth, by Paul Hoffman, Hyperion, 1998. ISBN 0-786-86362-5. (Reviewed October 1998)

Modern Mathematics in the Light of the Fields Medals, by Michael Monastyrsky, AK Peters, 1997. ISBN 1-56881-065-2.

Moral Calculations: Game Theory, Logic, and Human Frailty, by László Mészáros, Copernicus-Springer-Verlag, 1998. ISBN 0-387-98419-4.

My Brain Is Open: The Mathematical Journeys of Paul Erdős, by Bruce Schechter, Simon & Schuster, 1998. ISBN 0-684-84635-7.

The Nature of Space and Time, by Stephen Hawking and Roger Penrose, Princeton University Press, 1996. ISBN 0-691-03791-4 (Reviewed December 1998)

The Number Devil, by Hans Magnus Enzensberger, Metropolitan Books, 1998. ISBN 0-805-05770-6.

Paul Dirac: The Man and His Work, by Abraham Pais, Maurice Jacob, David Olive, and Michael Atiyah, Cambridge University Press, 1998. ISBN 0-521-58382-9. (Reviewed October 1998)

The Pleasures of Counting, by T. W. Körner, Cambridge University Press, 1996. ISBN 0-521-56087-X; 0-521-56823-4. (Reviewed March 1998)

Polyhedra, by Peter Cromwell, Cambridge University Press, 1997. ISBN 0-521-55432-2. (Reviewed September 1998)

Privacy on the Line: The Politics of Wiretapping and Encryption, by Whitfield Diffie and Susan Landau, MIT Press, 1997. ISBN 0-262-04167-7. (Reviewed June/July 1998)

Randomness, Deborah Bennett, Harvard University Press, 1998. ISBN 0-674-10745-4.

Strength in Numbers, by Sherman Stein, John Wiley & Sons, 1996. ISBN 0-471-152528-8.

The Universe and the Teacup: The Mathematics of Truth and Beauty, by K. C. Cole, Hartcourt Brace, 1998. ISBN 0-151-00323-8.

Visual Explanations—Images and Quantities, Evidence and Narrative, by Edward R. Tufte, Graphics Press, Cheshire, CT, 1997. ISBN 0-961-39212-6. (Reviewed this issue, pp. 43-46)

Women in Mathematics: The Addition of Difference, by Claudia Henrion, Indiana University Press, 1997. ISBN 0-253-33279-6. (Reviewed May 1998)