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# 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.ou.edu` in the case of the editor and `notices@ams.org` in the case of the managing editor. The fax numbers are 405-325-7484 for the editor and 401-331-3842 for the managing editor. Postal addresses may be found in the masthead.

## Upcoming Deadlines

**July 23, 2009:** Proposals for NSF Faculty Early Career Development (CAREER) Program. See "Mathematics Opportunities" in this issue.

**July 31, 2009:** Nominations for ICTP Ramanujan Prize. See <http://prizes.ictp.it/Ramanujan/>.

**August 4, 2009:** Letters of intent for NSF Project ADVANCE Institutional Transformation (IT) and Institutional Transformation Catalyst (IT-Catalyst) awards. See <http://www.nsf.gov/pubs/2009/nsf09504/nsf09504.htm>.

**August 4, 2009:** Full proposals (by invitation only) for NSF Partnerships for International Research and

## Where to Find It

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

**AMS Bylaws**—November 2007, p. 1366

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**Conference Board of the Mathematical Sciences**—September 2008, p. 980

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**Program Officers for Federal Funding Agencies**—October 2008, p. 1116 (DoD, DoE); December 2007, p. 1359 (NSF); December 2008, p. 1440 (NSF Mathematics Education)

**Program Officers for NSF Division of Mathematical Sciences**—November 2008, p. 1297

**Stipends for Study and Travel**—September 2008, p. 983

Education (PIRE). See <http://www.nsf.gov/pubs/2009/nsf09505/nsf09505.htm>.

**August 15, 2009:** Nominations for SASTRA Ramanujan Prize. See <http://www.math.ufl.edu/sastra-prize/nominations-2008.html>.

**August 15, 2009:** Applications for National Academies Research Associateship Programs. See <http://www7.nationalacademies.org/rap/> or contact Research Associateship Programs, National Research Council, Keck 568, 500 Fifth Street, NW, Washington, DC 20001; telephone 202-334-2760; fax 202-334-2759; email: rap@nas.edu.

**August 21, 2009:** Letters of intent for NSF Focused Research Groups (FRG). See "Mathematics Opportunities" in this issue.

**September 1–November 15, 2009:** Applications for travel grants to ICM 2010. See "Mathematics Opportunities" in this issue.

**September 14, 2009:** Full proposals for NSF Integrative Graduate Education and Research Training (IGERT). See <http://www.nsf.gov/pubs/2009/nsf09519/nsf09519.htm>.

**September 15, 2009:** Nominations for Alfred P. Sloan Foundation Fellowships. See "Mathematics Opportunities" in this issue.

**September 18, 2009:** Full proposals NSF Focused Research Groups (FRG). See "Mathematics Opportunities" in this issue.

**September 30, 2009:** Nominations for 2009 Sacks Prize. See "Mathematics Opportunities" in this issue.

**October 1, 2009:** Applications for AWM Travel Grants. See <http://www.awm-math.org/travelgrants.html>; telephone: 703-934-0163; email: awm@awm-math.edu. The postal address is: Association for Women in Mathematics, 11240 Waples Mill Road, Suite 200, Fairfax, VA 22030.

**October 15, 2009:** Proposals for NSA Grants for Research in Mathematics. See "Mathematics Opportunities" in this issue.

**October 15, 2009:** Nominations for Emanuel and Carol Parzen Prize for Statistical Innovation. See <http://www.stat.tamu.edu/events/parzenprize/nominations.pdf>.

**October 21, 2009:** Proposals for NSF Postdoctoral Research Fellowships. See <http://www.nsf.gov/pubs/2008/nsf08582/nsf08582.htm>.

**November 1, 2009:** Nominations for Vasil Popov Prize. See <http://www.math.sc.edu/~popov/>.

**November 1, 2009:** Applications for the January program of the Christine Mirzayan Science and Technology Policy Graduate Fellowship Program of the National Academies. See <http://www7.nationalacademies.org/policyfellows>; or contact The National Academies Christine Mirzayan Science and Technology Policy Graduate Fellowship Program, 500 Fifth Street, NW, Room 508, Washington, DC 20001; telephone: 202-334-2455; fax: 202-334-1667; email: policyfellows@nas.edu.

**November 12, 2009:** Full proposals for NSF Project ADVANCE Institutional Transformation (IT) and Institutional Transformation Catalyst (IT-Catalyst) awards. See <http://www.nsf.gov/pubs/2009/nsf09504/nsf09504.htm>.

**November 15, 2009:** Applications for National Academies Research Associateship Programs. See <http://www7.nationalacademies.org/rap/> or contact Research Associateship Programs, National Research Council, Keck 568, 500 Fifth Street, NW, Washington, DC 20001; telephone 202-334-2760; fax 202-334-2759; email: rap@nas.edu.

**December 4, 2009:** Entries for 2009 Ferran Sunyer i Balaguer Prize. See "Mathematics Opportunities" in this issue.

### Contact Information for Mathematics Institutes

**American Institute of Mathematics**  
360 Portage Avenue  
Palo Alto, CA 94306-2244  
Telephone: 650-845-2071  
Fax: 650-845-2074  
email: conrey@aimath.org  
<http://www.aimath.org>

**Stefan Banach International Mathematical Center**  
8 Śniadeckich str., Room 426  
P.O. Box 21  
00-956 Warszawa, Poland  
Telephone: 48 22 522-82-32

Fax: 48 22 622-57-50  
email: Banach.Center.Office@impan.pl  
<http://www.impan.gov.pl/BC>

### Banff International Research Station

c/o PIMS Central Office  
University of British Columbia  
200-1933 West Mall  
Vancouver, BC V6T 1Z2, Canada  
Telephone: 604-822-1649  
Fax: 604-822-0883  
email: birs-director@birs.ca  
<http://www.birs.ca>

### 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  
<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  
<http://www.cscamm.umd.edu/>

### Center for the Topology and Quantization of Moduli Spaces

Department of Mathematical Sciences  
Faculty of Science  
University of Aarhus  
Ny Munkegade, Building 1530  
8000 Aarhus C, Denmark  
Telephone: 45 8942 3432  
email: ctqm@imf.au.dk  
<http://www.ctqm.au.dk/>

### Centre International de Rencontres Mathématiques (CIRM)

163, avenue de Luminy Case 916  
F-13288 Marseille Cedex 09, France  
Telephone: 33 04 91 83 30 00  
Fax: 33 04 91 83 30 05  
email: colloque@cirm.univ-mrs.fr

<http://www.cirm.univ-mrs.fr>

**Centre de Recerca Matemàtica (CRM)**

Apartat 50  
E 08193 Bellaterra  
Barcelona, Spain  
Telephone: 34 93 581 1081  
Fax: 34 93 581 2202  
email: [crm@crm.cat](mailto:crm@crm.cat)  
<http://www.crm.cat>

**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: [MathsAdmin@maths.anu.edu.au](mailto:MathsAdmin@maths.anu.edu.au)  
<http://www.maths.anu.edu.au/CMA/>

**Centre de Recherches Mathématiques (CRM)**

Université de Montréal  
C.P. 6128, Succ. Centre-ville  
Montréal, Quebec, Canada H3C 3J7  
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Fax: 514 343 2254  
email: [CRM@CRM.UMontreal.ca](mailto:CRM@CRM.UMontreal.ca)  
<http://www.crm.umontreal.ca>

**Centro de Investigación en Matemáticas (CIMAT)**

Jalisco S/N, Col. Valenciana  
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Guanajuato, Gto, México  
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Fax: +52 473 732 5749  
email: [jcarlos@ciamat.mx](mailto:jcarlos@ciamat.mx)  
<http://www.cimat.mx>

**Centro di Ricerca Matematica Ennio de Giorgi**

Collegio Puteano  
Scuola Normale Superiore  
Piazza dei Cavalieri, 3  
I-56100 Pisa, Italy  
Telephone: 39 (050) 509256  
email: [crm@crm.sns.it](mailto:crm@crm.sns.it)  
[http://www.crm.sns.it/index\\_02.html](http://www.crm.sns.it/index_02.html)

**Centro Internazionale per la Ricerca Matematica**

Fondazione Bruno Kessler  
Via Sommarive, 14 Povo

38100 Trento, Italy  
Telephone: 39-0461-881628  
Fax: 39-0461-810629  
email: [michelet@science.unitn.it](mailto:michelet@science.unitn.it)  
<http://www.science.unitn.it/cirm/>

**Chennai Mathematical Institute**

Plot H1, SIPCOT IT Park  
Padur PO, Siruseri 603103  
India  
Telephone: 91-44-3298-3441, 91-44-3298-3442  
Fax: 91-44-2747-0225  
email: [office@cmi.ac.in](mailto:office@cmi.ac.in)  
<http://www.cmi.ac.in>

**Chern Institute of Mathematics**

Nankai University  
Tianjin 300071, China  
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Fax: 86-22-2350-1532  
email: [cim@nankai.edu.cn](mailto:cim@nankai.edu.cn)  
[http://www.nim.nankai.edu.cn/nim\\_e/index.htm](http://www.nim.nankai.edu.cn/nim_e/index.htm)

**Euler International Mathematical Institute**

nab. Fontanki, 27  
St. Petersburg 191023, Russia  
Telephone: 7 812 312-40-58  
Fax: 7 812 310-53-77  
email: [admin@euler.pdmi.ras.ru](mailto:admin@euler.pdmi.ras.ru)  
<http://www.pdmi.ras.ru/EIMI/index.html>

**Fields Institute for Research in Mathematical Sciences**

222 College Street, 2nd Floor  
Toronto, Ontario M5T 3J1 Canada  
Telephone: 416 348 9710  
Fax: 416 348 9714  
email: [geninfo@fields.utoronto.ca](mailto:geninfo@fields.utoronto.ca)  
<http://www.fields.utoronto.ca/>

**Forschungsinstitut für Mathematik (FIM)**

Eidgenössische Technische Hochschule Zentrum  
Rämistrasse 101  
8092 Zurich, Switzerland  
Telephone: 41-44-632-3475  
email: [marcela.kraemer@fim.math.ethz.ch](mailto:marcela.kraemer@fim.math.ethz.ch)  
<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  
<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 44 07 09 37  
<http://www.ihp.jussieu.fr/>

**Institut Mittag-Leffler**

Auravägen 17  
SE-182 60 Djursholm, Sweden  
Telephone: 46-8-622 05 60  
Fax: 46-8-622 05 89  
email: [info@mittag-leffler.se](mailto:info@mittag-leffler.se)  
<http://www.mittag-leffler.se/>

**Institute for Advanced Study (IAS)**

School of Mathematics  
Einstein Drive  
Princeton, NJ 08540  
Telephone: 609 734 8100  
Fax: 609 951-4459  
email: [math@math.ias.edu](mailto:math@math.ias.edu)  
<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 6516 1897  
Fax: 65 6873 8292  
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**Institute of Mathematical Sciences**

Chinese University of Hong Kong  
Unit 601  
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Shatin, N. T., Hong Kong  
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email: [ims@ims.cuhk.edu.hk](mailto:ims@ims.cuhk.edu.hk)  
<http://www.ims.cuhk.edu.hk>

**Institute for Mathematics and its Applications (IMA)**

University of Minnesota  
114 Lind Hall  
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## Reference and Book List

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email: [staff@ima.umn.edu](mailto:staff@ima.umn.edu)  
<http://www.ima.umn.edu/>

### **Institute for Pure and Applied Mathematics (IPAM)**

IPAM Building  
460 Portola Plaza  
Box 957121  
Los Angeles, CA 90095-7121  
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Fax: 310 825-4756  
email: [ipam@ucla.edu](mailto:ipam@ucla.edu)  
<http://www.ipam.ucla.edu>

### **Institute for Research in Fundamental Sciences**

School of Mathematics  
P. O. Box 19395-5746  
Tehran, Iran  
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<http://math.ipm.ac.ir>

### **Instituto Nacional de Matemática Pura e Aplicada (IMPA)**

Estrada Dona Castorina, 110  
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<http://www.impa.br>

### **International Center for Theoretical Physics (ICTP)**

Strada Costiera 11  
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Fax: 39 040 224163  
email: [sci\\_info@ictp.it](mailto:sci_info@ictp.it)  
<http://www.ictp.it>

### **International Centre for Mathematical Sciences (ICMS)**

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Edinburgh EH3 6EZ  
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email: [enquiries@icms.org.uk](mailto:enquiries@icms.org.uk)  
<http://www.icms.org.uk/index.php>

### **Isaac Newton Institute for Mathematical Sciences**

20 Clarkson Road  
Cambridge CB3 0EH  
United Kingdom  
Telephone: 44 1223 335999  
Fax: 44 1223 330508

email: [info@newton.cam.ac.uk](mailto:info@newton.cam.ac.uk)  
<http://www.newton.cam.ac.uk/>

### **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  
<http://www.kias.re.kr/en/index.jsp>

### **Mathematical Biosciences Institute**

The Ohio State University  
Jennings Hall, 3rd Floor  
1735 Neil Avenue  
Columbus, Ohio 43210  
Telephone: 614-292-3648  
Fax: 614-247-6643  
email: [rebecca@mbi.osu.edu](mailto:rebecca@mbi.osu.edu)  
<http://www.mbi.osu.edu>

### **Mathematical Sciences Research Institute (MSRI)**

17 Gauss Way  
Berkeley, CA 94720 5070  
Telephone: 510 642 0143  
Fax: 510 642 8609  
email: [msri-inquiries@msri.org](mailto:msri-inquiries@msri.org)  
<http://www.msri.org/>

### **Mathematisches Forschungs Institut (Oberwolfach)**

Schwarzwaldstr. 9-11 (Lorenzenhof)  
D 77709 Oberwolfach Walke  
Germany  
Telephone: 49 7834 979 0  
Fax: 49 7834 979 38  
email: [admin@mfo.de](mailto:admin@mfo.de)  
<http://www.mfo.de>

### **Max Planck Institut für Mathematik**

P.O. Box 7280  
53072 Bonn, Germany  
Telephone: 49 228 402 0  
Fax: 49 228 402277  
email: [admin@mpim-bonn.mpg.de](mailto:admin@mpim-bonn.mpg.de)  
<http://www.mpim-bonn.mpg.de>

### **Max Planck Institut für Mathematik in den Naturwissenschaften**

Inselstrasse 22  
04103 Leipzig, Germany  
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Fax: 49 (0) 341 99 59 65 8  
email: [vah@mis.mpg.de](mailto:vah@mis.mpg.de)  
<http://www.mis.mpg.de/>

### **New Zealand Institute of Mathematics and Its Applications (NZIMA)**

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Auckland, New Zealand  
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<http://www.nzima.org>

### **Pacific Institute for the Mathematical Sciences (PIMS)**

University of British Columbia  
1933 West Mall, Room 200  
Vancouver, BC, V6T 1Z2, Canada  
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<http://www.pims.math.ca>

### **Alfréd Rényi Institute of Mathematics**

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Fax: 36 1-483-8333  
email: [math@renyi.hu](mailto:math@renyi.hu)  
<http://www.renyi.hu>

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

Kyoto University  
Kyoto, 606 8502, Japan  
Telephone: 81-75-753-7251  
Fax: 81-75-753-7266  
<http://www.kurims.kyoto-u.ac.jp/>

### **Erwin Schrödinger International Institute for Mathematical Physics**

Boltzmanngasse 9  
A-1090 Vienna, Austria  
Telephone 43 1 4277 28282  
Fax: 43 1 4277 28299  
email: [secr@esi.ac.at](mailto:secr@esi.ac.at)  
<http://www.esi.ac.at/>

### **Sobolev Institute of Mathematics**

Russian Academy of Sciences  
Siberian Branch  
4 Acad. Koptuyug Avenue  
630090 Novosibirsk, Russia  
Telephone: 383 333 28 92  
Fax: 383 333 25 98  
email: [im@math.nsc.ru](mailto:im@math.nsc.ru)  
<http://math.nsc.ru>

**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](mailto:info@samsi.info)  
<http://www.samsi.info/>

**Steklov Institute of Mathematics**

Russian Academy of Sciences  
Gubkina str. 8  
119991, Moscow, Russia  
Telephone: 7 499 135-22-91  
Fax: 7 499 135-05-55  
email: [steklov@mi.ras.ru](mailto:steklov@mi.ras.ru)  
<http://www.mi.ras.ru>

**Steklov Institute of Mathematics**

27, Fontanka  
St. Petersburg 191023, Russia  
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Fax: 7 812 310-53-77  
email: [admin@pdmi.ras.ru](mailto:admin@pdmi.ras.ru)  
<http://www.pdmi.ras.ru>

**Tata Institute of Fundamental Research**

School of Mathematics  
Dr. Homi Bhabha Road  
Mumbai 400 005, India  
Telephone: 91 22 22782000  
Fax: 91 22 22804610; 91 22 22804611  
<http://www.math.tifr.res.in>

**T. N. Thiele Centre for Applied Mathematics in Natural Science**

University of Aarhus  
Department of Mathematical Sciences  
Ny Munkegade 118, Building 1530  
DK-8000 Aarhus C, Denmark  
Telephone: 45 8942 3515  
Fax: 45 8613 1769  
email: [thiele@imf.au.dk](mailto:thiele@imf.au.dk)  
<http://www.thiele.au.dk>

**Warwick Mathematics Research Centre**

University of Warwick  
Coventry CV4 7AL, United Kingdom  
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Fax: +44 (0)24 7652 3548  
email: [mrc@maths.warwick.ac.uk](mailto:mrc@maths.warwick.ac.uk)  
<http://www.maths.warwick.ac.uk/mrc/index.html>

**Weierstrass Institute for Applied Analysis and Stochastics**

Mohrenstrasse 39  
10117 Berlin, Germany  
Telephone: 49-30-203720  
Fax: 49-30-2044975  
email: [contact@wias-berlin.de](mailto:contact@wias-berlin.de)  
<http://www.wias-berlin.de/>

**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](mailto:notices-booklist@ams.org).*

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

*An Abundance of Katherines*, by John Green. Dutton Juvenile Books, September 2006. ISBN-13: 978-0-5254-7688-7. (Reviewed October 2008.)

*The Annotated Turing: A Guided Tour Through Alan Turing's Historic Paper on Computability and the Turing Machine*, by Charles Petzold. Wiley, June 2008. ISBN-13: 978-04702-290-57.

*The Archimedes Codex: How a Medieval Prayer Book Is Revealing the True Genius of Antiquity's Greatest Scientist*, by Reviel Netz and William Noel. Da Capo Press, October 2007. ISBN 978-03068-1580-5. (Reviewed September 2008.)

*The Best of All Possible Worlds: Mathematics and Destiny*, by Ivar Ekeland. University Of Chicago Press, October 2006. ISBN-13: 978-0-226-19994-8. (Reviewed March 2009.)

*The Book of Numbers: The Secret of Numbers and How They Changed the World*, by Peter J. Bentley. Firefly Books, February 2008. ISBN-13: 978-15540-736-10.

\**The Calculus of Friendship: What a Teacher and Student Learned about*

*Life While Corresponding about Math*, by Steven Strogatz. Princeton University Press, August 2009. ISBN-13: 978-06911-349-32.

*The Calculus Wars: Newton, Leibniz, and the Greatest Mathematical Clash of All Time*, by Jason Socrates Bardi. Thunder's Mouth Press, April 2007. ISBN-13: 978-15602-5992-3. (Reviewed May 2009.)

*The Cat in Numberland*, by Ivar Ekeland. Cricket Books, April 2006. ISBN-13: 978-0-812-62744-2. (Reviewed January 2009.)

\**Chez les Weils (French)*, by Sylvie Weil. Buchet-Chastel, January 2009. ISBN-13: 978-22830-236-93.

*Crossing the Equal Sign*, by Marion D. Cohen. Plain View Press, January 2007. ISBN-13: 978-18913-866-95.

*Crocheting Adventures with Hyperbolic Planes*, by Daina Taimina. A K Peters, March 2009. ISBN-13: 978-15688-145-20.

\**Decoding the Heavens: A 2,000-Year-Old Computer—and the Century-Long Search to Discover Its Secrets*, by Jo Marchant. Da Capo Press, February 2009. ISBN-13: 978-03068-174-27.

*Digital Dice*, by Paul J. Nahin. Princeton University Press, March 2008. ISBN-13: 978-06911-269-82.

*Dimensions*, by Jos Leys, Etienne Ghys, and Aurélien Alvarez. DVD, 117 minutes. Available at <http://www.dimensions-math.org>.

*The Drunkard's Walk: How Randomness Rules Our Lives*, by Leonard Mlodinow. Pantheon, May 2008. ISBN-13: 978-03754-240-45.

*Einstein's Mistakes: The Human Failings of Genius*, by Hans C. Ohanian. W. W. Norton, September 2008. ISBN-13: 978-0393062939.

*Embracing the Wide Sky: A Tour Across the Horizons of the Human Mind*, by Daniel Tammet. Free Press, January 2009. ISBN-13: 978-14165-696-95.

*Emmy Noether: The Mother of Modern Algebra*, by M. B. W. Tent. AK Peters, October 2008. ISBN-13: 978-15688-143-08.

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