A Complete Bibliography of the Publications of Jonathan Michael Borwein

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA

Tel: +1 801 581 5254
FAX: +1 801 581 4148

E-mail: beebe@math.utah.edu, beebe@acm.org,
beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/

08 August 2024
Version 1.93

Abstract

This bibliography records publications of Jonathan Michael Borwein.

Title word cross-reference

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Bailey:2015:DGC

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Bailey:2016:EMS

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Bailey:2016:AIS

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Bailey:2016:HCB

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Bailey:2016:HLIb

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Bailey:2016:SEFb

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Bailey:2016:SPP

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Bailey:2016:UPF

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Bailey:2016:WMMa

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Bailey:2016:WMMb

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Bailey:2016:WCR

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Borwein:2016:AGM

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Borwein:2016:RP

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Borwein:1988:ETEa

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Borwein:1988:ETEc

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Borwein:1988:PFC

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Borwein:1988:STAa

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Borwein:1988:STAb

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Borwein:1989:AFM

[Bor89a] Jonathan M. Borwein. APICS/FRASER medal presentation talk. Dalhousie University, Halifax, NS, Canada., May 12, 1989.

Borwein:1989:CPH

[Bor89b] Jonathan M. Borwein. The calculation of pi. How, why, what? Nova Scotia Institute of Science, Halifax, NS, Canada., February 8, 1989.

Borwein:1989:MCP

[Bor89c] Jonathan M. Borwein. Minimal CUSCOS and Preisses' theorem. Miniconference on Optimization Theory, University of Pau, France., June 12, 1989.

Borwein:1989:MCT

[Bor89d] Jonathan M. Borwein. Minimal CUSCOS and their applications. Plenary talk, Conference on Fixed Point Theory, CIRM, Marseille, France., June 9, 1989.

Borwein:1989:PAG

[Bor89e] Jonathan M. Borwein. Pi and the arithmetic–geometric mean. Colloquium, Rutger's University, New Brunswick, NJ, USA., April 14, 1989.

Borwein:1989:PER

[Bor89f] Jonathan M. Borwein. Pi, Euler, Ramanujan, and MAPLE. Colloquium, Department of Computer Science, University of Manitoba, Winnipeg, MB, Canada., November 9, 1989.

Borwein:1989:QMIa

[Bor89g] Jonathan M. Borwein. Quadratic mean iterations. Carleton University/Université d'Ottawa joint Colloquium, Carleton University, Ottawa, ON, Canada., March 4, 1989.

Borwein:1989:QMIb

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Borwein:1989:SFC

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Borwein:1990:CPCb

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Borwein:1990:CPAa

[Bor90e] Jonathan M. Borwein. Convex programming approaches to moment, curve, and signal estimation. Miniconference on Optimization Theory, Dalhousie University, Halifax, NS, Canada., August 22, 1990.

Borwein:1990:CPAb

[Bor90f] Jonathan M. Borwein. Convex programming approaches to moment, curve, and signal estimation. Miniconference on Optimization Theory, Dalhousie University, Halifax, NS, Canada., August 22, 1990.

Borwein:1990:DPCa

[Bor90g] Jonathan M. Borwein. Differentiability properties of convex, Lipschitz and semicontinuous functions. Ontario Math Meetings #88, Brock University, St. Catharines, ON, Canada., April 21, 1990.

Borwein:1990:DPCb

[Bor90h] Jonathan M. Borwein. Differentiability properties of convex, Lipschitz and semicontinuous functions. Ontario Math Meetings #88, Brock University, St. Catharines, ON, Canada., April 21, 1990.

Borwein:1990:DPLa

[Bor90i] Jonathan M. Borwein. Differentiability properties of Lipschitz functions. Nonlinear Analysis Seminar #1, Technion, Haifa, Israel., May 15, 1990.

Borwein:1990:DPLc

[Bor90j] Jonathan M. Borwein. Differentiability properties of Lipschitz functions. Nonlinear Analysis Seminar #1, Technion, Haifa, Israel., May 15, 1990.

Borwein:1990:DPLb

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Borwein:1990:DPLd

[Bor90l] Jonathan M. Borwein. Differentiability properties of lower semicontinuous functions. Nonlinear Analysis Seminar #2, Technion, Haifa, Israel., May 21, 1990.

Borwein:1990:ETSa

[Bor90m] Jonathan M. Borwein. Ekeland's theorem and the smooth variational principle. Conference on Topological Methods, Brock University, St. Catharines, ON, Canada., April 20, 1990.

Borwein:1990:ETSb

[Bor90n] Jonathan M. Borwein. Ekeland's theorem and the smooth variational principle. Conference on Topological Methods, Brock University, St. Catharines, ON, Canada., April 20, 1990.

Borwein:1990:GMSa

[Bor90o] Jonathan M. Borwein. Greek mathematics and the story of the circle. Junior High presentation, Dalhousie University, Halifax, NS, Canada., December 6, 1990.

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Borwein:1990:HCPa

[Bor90q] Jonathan M. Borwein. The history of the computation of pi. APICS Lecture, University of Prince Edward Island, Charlottetown, PE C1A 4P3, Canada., March 16, 1990.

Borwein:1990:HCPb

[Bor90r] Jonathan M. Borwein. The history of the computation of pi. APICS Lecture, St. Francis Xavier University, Antigonish, NS, Canada., March 24, 1990.

Borwein:1990:HCPc

[Bor90s] Jonathan M. Borwein. The history of the computation of pi. APICS Lecture, Memorial University, St John's, NL, Canada., March 31, 1990.

Borwein:1990:HCPd

[Bor90t] Jonathan M. Borwein. The history of the computation of pi. APICS Lecture, Université de Moncton, Moncton, NB, Canada., April 5, 1990.

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[Bor90y] Jonathan M. Borwein. Minimal CUSCOS and applications to Lipschitz functions. AMS Winter Meetings, Louisville, KY, USA., January 19, 1990.

Borwein:1990:MCAb

[Bor90z] Jonathan M. Borwein. Minimal CUSCOS and applications to Lipschitz functions. Nonlinear Analysis Seminar #3, Technion, Haifa, Israel., May 25, 1990.

Borwein:1990:MCAc

[Bor90-27] Jonathan M. Borwein. Minimal CUSCOS and applications to Lipschitz functions. AMS Winter Meetings, Louisville, KY, USA., January 19, 1990.

Borwein:1990:MCAd

[Bor90-28] Jonathan M. Borwein. Minimal CUSCOS and applications to Lipschitz functions. Nonlinear Analysis Seminar #3, Technion, Haifa, Israel., May 25, 1990.

Borwein:1990:PERa

[Bor90-29] Jonathan M. Borwein. Pi, Euler, Ramanujan, and MAPLE. APICS Lecture, Mount St Vincent University, Halifax, NS, Canada., January 22, 1990.

Borwein:1990:PERb

[Bor90-30] Jonathan M. Borwein. Pi, Euler, Ramanujan, and MAPLE. APICS Lecture, Mount Allison University, Sackville, NB, Canada., January 26, 1990.

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[Bor90-31] Jonathan M. Borwein. Pi, Euler, Ramanujan, and MAPLE. APICS Lecture, University College of Cape Breton, Sydney, NS B1P 6L2, Canada., March 15, 1990.

Borwein:1990:PERe

[Bor90-32] Jonathan M. Borwein. Pi, Euler, Ramanujan, and MAPLE. APICS Lecture, University of New Brunswick, Moncton, NB, Canada., April 6, 1990.

Borwein:1990:PERf

[Bor90-33] Jonathan M. Borwein. Pi, Euler, Ramanujan, and MAPLE. Seminar, Technion, Haifa, Israel., June 15, 1990.

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Borwein:1990:PERi

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Borwein:1990:PERl

[Bor90-39] Jonathan M. Borwein. Pi, Euler, Ramanujan, and MAPLE. Seminar, Technion, Haifa, Israel., June 15, 1990.

Borwein:1990:SDPb

[Bor90-40] Jonathan M. Borwein. A survey of differentiability properties of convex, Lipschitz and semicontinuous functions. Seminar, Technion Israel., May 24, 1990.

Borwein:1990:SDPc

[Bor90-41] Jonathan M. Borwein. A survey of differentiability properties of convex, Lipschitz and semicontinuous functions. Seminar, Ben Gurion University, Israel., May 28, 1990.

Borwein:1990:SDPd

[Bor90-42] Jonathan M. Borwein. A survey of differentiability properties of convex, Lipschitz and semicontinuous functions. Seminar, Technion, Haifa, Israel., May 24, 1990.

Borwein:1990:SDPe

[Bor90-43] Jonathan M. Borwein. A survey of differentiability properties of convex, Lipschitz and semicontinuous functions. Seminar, Ben Gurion University, Israel., May 28, 1990.

Borwein:1991:MCS

[Bor91a] J. M. Borwein. Minimal CUSCOS and subgradients of Lipschitz functions. In Michael A. Théra and Jean-Bernard Baillon, editors, *Fixed point theory and applications: proceedings of the International Conference on Fixed Point Theory and Applications, held at CIRM (Centre International de Rencontres Mathématiques) located in the campus of the University of Marseille-Luminy, June 5–9, 1989*, volume 252 of *Pitman Res. Notes Math. Ser.*, pages 57–81. Longman Scientific and Technical, Harlow, Essex, UK, 1991. ISBN 0-582-08063-0 (Harlow), 0-470-21759-6 (New York). LCCN QA329.9 .F58 1991.

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[Bor91b] Jonathan M. Borwein. Convex programming and the choice of entropy in spectral estimation. First Plenary talk, Journees d'Optimization, Université de Limoges, Limoges, France., May 15, 1991.

Borwein:1991:CPCb

[Bor91c] Jonathan M. Borwein. Convex programming and the choice of entropy in spectral estimation. Special session on Dynamic Optimization, CMS Summer Meeting, Université de Sherbrooke, Sherbrooke, QC, Canada., May 29, 1991.

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[Bor91d] Jonathan M. Borwein. Differentiability properties of convex, of Lipschitz, and of semicontinuous mappings on Banach spaces. In *Séminaire d'Initiation à l'Analyse*, volume 104(19) of *Publ. Math. Univ. Pierre et Marie Curie*, pages 1–11. Université de Paris VI, Paris, France, 1991.

Borwein:1991:DAOa

[Bor91e] Jonathan M. Borwein. Discovering analytic objects by computer. Miniconference on Symbolic computation, Dalhousie University, Halifax, NS, Canada., January 25, 1991.

Borwein:1991:DAOb

[Bor91f] Jonathan M. Borwein. Discovering analytic objects by computer. Miniconference on Symbolic computation, Dalhousie University, Halifax, NS, Canada., January 25, 1991.

Borwein:1991:DAOc

[Bor91g] Jonathan M. Borwein. Discovering analytic objects by computer. Colloquium, Department of Mathematics, Guelph University, Guelph, ON, Canada., November 12, 1991.

Borwein:1991:EAU

[Bor91h] Jonathan M. Borwein. Estimation and approximation using infinite dimensional convex programs with entropy type objectives. Special session on Constrained Approximation, AMS Regional Meeting, University of North Dakota, Fargo, ND, USA., October 26, 1991.

Borwein:1991:EMRc

[Bor91i] Jonathan M. Borwein. Euler, Mahler, Ramanujan and a little pi: Discovering analytic objects by computer. One of two invited talks at the Festkolloquium for Dr. A. Peyerimhoff 's 65th birthday, Ulm, Germany., April 25, 1991.

Borwein:1991:EMRa

[Bor91j] Jonathan M. Borwein. Euler, Mahler, Ramanujan: Discovering analytic objects by computer. Colloquium Pure Mathematics Department, Waterloo, Waterloo, ON, Canada., March 13, 1991.

Borwein:1991:EMRb

[Bor91k] Jonathan M. Borwein. Euler, Mahler, Ramanujan: Discovering analytic objects by computer. Number Theory Seminar, Université de Limoges, Limoges, France., April 23, 1991.

Borwein:1991:EMRd

[Bor91l] Jonathan M. Borwein. Euler, Mahler, Ramanujan: Discovering analytic objects by computer. Seminar Project Algorithms Group, INRIA, Paris., May 21, 1991.

Borwein:1991:EMRe

[Bor91m] Jonathan M. Borwein. Euler, Mahler, Ramanujan: Discovering analytic objects by computer. Colloquium, Department of Mathematics, Simon Fraser University, Burnaby, BC, Canada., June 28, 1991.

Borwein:1991:GFB

[Bor91n] Jonathan M. Borwein. On the generating function of $[na + b]$. International Conference on Functional Equations, Acadia University, Wolfville, NS B4P 2R6, Canada., June 5, 1991. URL `http://docserver.carma.newcastle.edu.au/1564/`.

Borwein:1991:RP

[Bor91o] Jonathan M. Borwein. Ramanujan and Pi. In Ferris [Fer91], pages 647–659. ISBN 0-316-28129-8. LCCN QC71 .W67 1991. URL `http://docserver.carma.newcastle.edu.au/1379/;https://web.archive.org/web/20170227063951/`. With a foreword by Clifton Fadiman, general editor.

Borwein:1991:RWLa

[Bor91p] Jonathan M. Borwein. Ramanujan: the wonderful life of the Indian mathematical genius S. Ramanujan (1887–1920). Seminar, Faculty of Science, Simon Fraser University, Burnaby, BC, Canada., June 27, 1991.

Borwein:1991:RWLb

[Bor91q] Jonathan M. Borwein. Ramanujan: the wonderful life of the Indian mathematical genius S. Ramanujan (1887–1920). Colloquium, Combinatorics and Optimization, University of Waterloo, Waterloo, ON, Canada., July 26, 1991.

Borwein:1991:SDPa

[Bor91r] Jonathan M. Borwein. A survey of differentiability properties of convex, Lipschitz and semicontinuous functions. Colloquium, Universität Stuttgart, Stuttgart, Germany., April 29, 1991.

Borwein:1991:SDPb

[Bor91s] Jonathan M. Borwein. A survey of differentiability properties of convex, Lipschitz and semicontinuous functions. Optimization Seminar, Université de Limoges, Limoges, France., May 17, 1991.

Borwein:1991:SDPc

[Bor91t] Jonathan M. Borwein. A survey of differentiability properties of convex, Lipschitz and semicontinuous functions. Analysis Seminar, Université de Paris VI, Paris, France., May 23, 1991.

Borwein:1991:SDPd

[Bor91u] Jonathan M. Borwein. A survey of differentiability properties of convex, Lipschitz and semicontinuous functions. Analysis Seminar, York University, Toronto, ON, Canada., October 9, 1991.

Borwein:1992:SDP

[Bor92a] J. M. Borwein. Differentiability properties of convex, of Lipschitz, and of semicontinuous mappings on Banach spaces. In Ioffe et al. [IMR92], pages 39–52. ISBN 0-582-08065-7 (paperback), 0-470-21943-2. ISSN 0269-3674. LCCN QA402.5 .O6424 1991.

Borwein:1992:BRS

[Bor92b] Jonathan Borwein. Book review: *Set-valued analysis*, J-P. Aubin and H. Frankowska. *Bulletin of the American Mathematical Society (new series)*, 26(1):157–160, 1992. CODEN BAMOAD. ISSN 0273-0979 (print), 1088-9485 (electronic).

Borwein:1992:CEM

[Bor92c] Jonathan M. Borwein. A communications example: Maple and Pari. Annual Maple Retreat, Sparrow Lake, ON, Canada., June 15, 1992.

Borwein:1992:EAU

[Bor92d] Jonathan M. Borwein. Estimation and approximation using infinite dimensional convex programs with entropy type objectives. Colloquium, Industrial and Organizational Engineering, University of Michigan, Ann Arbor, MI, USA., February 19, 1992.

Borwein:1992:EMRa

[Bor92e] Jonathan M. Borwein. Euler, Mahler, Ramanujan: Discovering analytic objects by computer. Colloquium, Department of Mathematics, York University, Toronto, ON, Canada., February 6, 1992.

Borwein:1992:EMRb

[Bor92f] Jonathan M. Borwein. Euler, Mahler, Ramanujan: Discovering analytic objects by computer. Seminar, Department of Mathematics, University of Michigan, Ann Arbor, MI, USA., February 20, 1992.

Borwein:1992:FSOa

[Bor92g] Jonathan M. Borwein. First and second order differentiability of convex functions on various Banach spaces. Variational Analysis and Related Topics, University of California at Davis, Davis, CA, USA., May 16, 1992.

Borwein:1992:FSOb

[Bor92h] Jonathan M. Borwein. First and second order differentiability of convex functions on various Banach spaces. Variational Analysis and Related Topics, First World Congress of Nonlinear Analysts, Tampa, FL, USA., August 20, 1992.

Borwein:1992:GCE

[Bor92i] Jonathan M. Borwein. Guided computer experimentation in mathematics: Euler, Mahler, Ramanujan and Maple. Harry H. Gehman Lecture, MAA/OMM Meeting, Queen's University, Kingston, ON, Canada., May 2, 1992.

Borwein:1992:IDE

[Bor92j] Jonathan M. Borwein. Infinite dimensional entropy minimization: a tutorial. 14th Symposium on Mathematical Programming with Data Perturbations, George Washington University, Washington, DC, USA., May 21, 1992.

Borwein:1992:IMSa

[Bor92k] Jonathan M. Borwein. Iterative methods for solving inverse problems and computing fixed points. Colloquium, Department of Mathematics, Statistics and Computing Science, Dalhousie University, Halifax, NS, Canada., April 9, 1992.

Borwein:1992:IMSb

[Bor92l] Jonathan M. Borwein. Iterative methods for solving inverse problems and computing fixed points. Colloquium, Department of Pure Mathematics, University of Western Ontario, London, ON, Canada., April 23, 1992.

Borwein:1992:IMSc

[Bor92m] Jonathan M. Borwein. Iterative methods for solving inverse problems and computing fixed points. Third FrancoLatin American Conference on Applied Mathematics, Santiago, Chile., September 4, 1992.

Borwein:1992:FME

[Bor92n] Jonathan M. Borwein. On the failure of 'maximum entropy' reconstruction for Fredholm operators and other infinite dimensional systems. 14th Symposium on Mathematical Programming with Data Perturbations, George Washington University, Washington, DC, USA, 10. June 15th., May 22, 1992.

Borwein:1993:ASS

[Bor93a] J. M. Borwein. Asplund spaces are sequentially reflexive. Accepted for publication in the Canadian Journal of Mathematics, but withdrawn and merged with another paper. Jon Borwein recorded that as publication number 121, but because the article numbers changed with each update of his CV, that number has long been incorrect., 1993.

Borwein:1993:AAL

[Bor93b] Jonathan M. Borwein. An analyst's approach to linear inequality systems. Seminar, Department of Mathematics, University of Colorado, Boulder, CO, USA., February 12, 1993.

Borwein:1993:CAMa

[Bor93c] Jonathan M. Borwein. Computer assisted 'mathematics and plausible reasoning'. Kempner Colloquium, Department of Mathematics, University of Colorado, Boulder, CO, USA., February 15, 1993.

Borwein:1993:CAMb

[Bor93d] Jonathan M. Borwein. Computer assisted 'mathematics and plausible reasoning'. Colloquium, Department of Mathematics, Pennsylvania State University, State College, PA, USA., April 8, 1993.

Borwein:1993:CPE

[Bor93e] Jonathan M. Borwein. Convex programming and entropy type functions. Plenary Lecture, XVIII Symposium on Operations Research, University of Cologne., September 2, 1993.

Borwein:1993:FSOa

[Bor93f] Jonathan M. Borwein. First and second order differentiability of convex functions on various Banach spaces. Colloquium, University of Western Ontario, London, ON, Canada., February 2, 1993.

Borwein:1993:FSOb

[Bor93g] Jonathan M. Borwein. First and second order differentiability of convex functions on various Banach spaces. Regional Functional Analysis Conference, Miami University, Oxford, OH, USA., May 1, 1993.

Borwein:1993:HCPa

[Bor93h] Jonathan M. Borwein. A history of the computation of pi. Undergraduate Colloquium, University of Western Ontario, London, ON, Canada., February 3, 1993.

Borwein:1993:HCPb

[Bor93i] Jonathan M. Borwein. A history of the computation of pi. Colloquium, University of Vermont, Burlington, VT, USA., March 25, 1993.

Borwein:1993:MIE

[Bor93j] Jonathan M. Borwein. Means, iterations and experimentally induced identities. MAA-CMS Invited Lecture, Joint AMS/MAA/CMS Summer Meetings, University of British Columbia, Vancouver, BC, Canada., August 15, 1993.

Borwein:1993:FME

[Bor93k] Jonathan M. Borwein. On the failure of maximum entropy reconstruction for Fredholm equations and other infinite systems. *Mathematical Programming*, 61(2, Ser. A):251–261, 1993. CODEN MHPGA4. ISSN 0025-5610 (print), 1436-4646 (electronic). URL `http://docserver.carma.newcastle.edu.au/1559/`.

Borwein:1993:PSPa

[Bor93l] Jonathan M. Borwein. Problems and solutions: Problems: 10281. *American Mathematical Monthly*, 100(1):76–77, January 1993. CODEN AMMYAE. ISSN 0002-9890 (print), 1930-0972 (electronic).

Borwein:1993:RWL

[Bor93m] Jonathan M. Borwein. S. Ramanujan: a wonderful life? South Asian Colloquium of the Pacific Northwest, Harbour Centre, Simon Fraser University, Burnaby, BC, Canada., October 16, 1993.

Borwein:1993:SIT

[Bor93n] Jonathan M. Borwein. Shrum inaugural talk. Harbour Centre, Simon Fraser University, Burnaby, BC, Canada., October 19, 1993.

Borwein:1993:SIS

[Bor93o] Jonathan M. Borwein. Some intriguing series involving (4). Tutte Seminar, Department of Combinatorics and Optimization, University of Waterloo, Waterloo, ON, Canada., May 7, 1993.

Borwein:1993:TEE

[Bor93p] Jonathan M. Borwein. Three examples of experimental computational analysis? Pacific Northwest Numerical Analysis Seminar, University of Washington, Seattle, WA, USA., October 9, 1993.

Borwein:1993:WEM

[Bor93q] Jonathan M. Borwein. What is experimental mathematics? Applied Mathematics Colloquium, University of British Columbia, Vancouver, BC, Canada., September 27, 1993.

Borwein:1994:CMI

[Bor94a] Jonathan Borwein. A convergent mean iteration: a proof that $x_n := M(x_{n-1}, x_{n-2}, \cdots, x_{n-k})$ converges. *Aequationes Mathematicae*, 47(1):115–118, 1994. CODEN AEMABN. ISSN 0001-9054 (print), 1420-8903 (electronic). URL `http://docserver.carma.newcastle.edu.au/1541/`.

Borwein:1994:CGS

[Bor94b] Jonathan M. Borwein. Characterizations of generalized subgradients amongst one-dimensional multifunctions: and extensions. CMS Winter Meeting, Special Session on Nonsmooth Analysis Meridien Hotel, McGill University, Montreal, QC, Canada., December 11, 1994.

Borwein:1994:EMPb

[Bor94c] Jonathan M. Borwein. Experimental mathematics, promises and pitfalls. Maple Summer Workshop and Symposium., August 11, 1994.

Borwein:1994:EMPc

[Bor94d] Jonathan M. Borwein. Experimental mathematics, promises and pitfalls. Colloquium, Department of Mathematics, Indiana University, Bloomington, IN, USA., November 18, 1994.

Borwein:1994:EMPd

[Bor94e] Jonathan M. Borwein. Experimental mathematics, promises and pitfalls. Colloquium, Department of Mathematics and Statistics, University of Calgary, Calgary, AB, Canada., November 24, 1994.

Borwein:1994:GME

[Bor94f] Jonathan M. Borwein. Greek mathematics and especially the story of the circle. High School Science Evening, Simon Fraser University, Burnaby, BC, Canada., April 14, 1994.

Borwein:1994:MEM

[Bor94g] Jonathan M. Borwein. Maximization entropy methods (using derivative information) and infinite dimensional convex programming. XV International Mathematical Programming Symposium, Ann Arbor, MI, USA., August 18, 1994.

Borwein:1994:NASa

[Bor94h] Jonathan M. Borwein. Nonsmooth analysis in smooth Banach spaces. Colloquium, Department of Mathematics, University of Washington, Seattle, WA, USA., January 18, 1994.

Borwein:1994:NASb

[Bor94i] Jonathan M. Borwein. Nonsmooth analysis in smooth Banach spaces. Analysis Seminar, University of California, Santa Barbara, Santa Barbara, CA, USA., March 4, 1994.

Borwein:1994:NASc

[Bor94j] Jonathan M. Borwein. Nonsmooth analysis in smooth Banach spaces. Colloquium, University of Victoria, Victoria, BC, Canada., April 11, 1994.

Borwein:1994:NASd

[Bor94k] Jonathan M. Borwein. Nonsmooth analysis in smooth Banach spaces. Colloquium, University of Limoges, Limoges, France., July 5, 1994.

Borwein:1994:SEC

[Bor94l] Jonathan M. Borwein. A survey of examples of convex functions and classifications of normed spaces. Report, Department of Mathematics & Statistics, Simon Fraser University, Burnaby, BC V5A 156, Canada, December 1, 1994. 13 pp. URL `http://docserver.carma.newcastle.edu.au/92;http://docserver.carma.newcastle.edu.au/93`. Revised 22 January 1995. Published in [Bor95s].

Borwein:1994:VDT

[Bor94m] Jonathan M. Borwein. Viscosity derivatives: theory and applications. XV International Mathematical Programming Symposium, Ann Arbor, MI, USA., August 18, 1994.

Borwein:1994:VHD

[Bor94n] Jonathan M. Borwein. The vision: how do we integrate ... mature computation techniques. Maple Summer Workshop and Symposium., August 11, 1994.

Borwein:1994:WTA

[Bor94o] Jonathan M. Borwein. Ways of thinking about duality. Student Session, XV International Mathematical Programming Symposium, Ann Arbor, MI, USA., August 16, 1994.

Borwein:1994:WEMa

[Bor94p] Jonathan M. Borwein. What is experimental mathematics? Colloquium, University of California, Santa Barbara, Santa Barbara, CA, USA., March 3, 1994.

Borwein:1994:WEMc

[Bor94q] Jonathan M. Borwein. What is experimental mathematics? Algorithms Seminar, Samedi de Recherche, University of Ottawa, Ottawa, ON, Canada. 8. June 27th., April 23, 1994.

Borwein:1994:WEMb

[Bor94r] Jonathan M. Borwein. What's experimental mathematics? Talk to Grade 12 Students Spring Break, Simon Fraser University, Burnaby, BC, Canada., March 22, 1994.

Borwein:1995:CHNa

[Bor95a] Jonathan M. Borwein. Convex Haar null sets in separable Banach spaces. Lecture at Honoris Causa ceremony for R. T. Rockafellar, Université de Montpelier II, Montpelier, France., October 24, 1995.

Borwein:1995:CHNb

[Bor95b] Jonathan M. Borwein. Convex Haar null sets in separable Banach spaces. Functional Analysis Seminar, Department of Mathematics and Statistics, University of Saskatchewan, Saskatoon, SK, Canada., November 8, 1995.

Borwein:1995:CAD

[Bor95c] Jonathan M. Borwein. The cubic AGM discovered. Specialist Colloquium Lecture, University of Utrecht, Utrecht, The Netherlands., October 26, 1995.

Borwein:1995:MEMc

[Bor95d] Jonathan M. Borwein. Essentially strictly differentiable Lipschitz functions. Seminar, University of Newcastle, Newcastle, NSW, Australia., July 17, 1995.

Borwein:1995:EEEb

[Bor95e] Jonathan M. Borwein. Experimental evaluation of Euler sums. Halberstam retirement conference, Urbana, IL, USA, May 16–

21, 1995., May 17, 1995. URL `http://docserver.carma.newcastle.edu.au/60/`.

Borwein:1995:EMPa

[Bor95f] Jonathan M. Borwein. Experimental mathematics, promises and pitfalls. Colloquium, Department of Mathematics and Computing Science, University of Northern British Columbia, Prince George, BC, Canada., April 7, 1995.

Borwein:1995:EMPb

[Bor95g] Jonathan M. Borwein. Experimental mathematics, promises and pitfalls. Principal Lecture, Australian Mathematical Society Meeting, University of Tasmania, Hobart, TAS, Australia., July 5, 1995.

Borwein:1995:EMPc

[Bor95h] Jonathan M. Borwein. Experimental mathematics, promises and pitfalls. University Public Lecture, University of Newcastle, Newcastle, NSW, Australia., July 19, 1995.

Borwein:1995:EMPd

[Bor95i] Jonathan M. Borwein. Experimental mathematics, promises and pitfalls. Colloquium, Department of Mathematics and Statistics, University of Western Australia, Crawley, WA 6009, Australia., July 27, 1995.

Borwein:1995:EMPe

[Bor95j] Jonathan M. Borwein. Experimental mathematics, promises and pitfalls. Colloquium, Department of Mathematics and Statistics, Murdoch University. Perth, WA, Australia., August 7, 1995.

Borwein:1995:EMPf

[Bor95k] Jonathan M. Borwein. Experimental mathematics: promises and pitfalls. General Colloquium Lecture, University of Utrecht, Utrecht, The Netherlands., October 26, 1995.

Borwein:1995:EMPg

[Bor95l] Jonathan M. Borwein. Experimental mathematics, promises and pitfalls. Colloquium, Department of Mathematics and Statistics, University of Saskatchewan, Saskatoon, SK, Canada., November 9, 1995.

Borwein:1995:MEMb

[Bor95m] Jonathan M. Borwein. Maximum entropy methods (using derivative information) and infinite dimensional convex programming.

Principal Lecture, Optimization Miniconference, University of NSW, Sydney, NSW, Australia. 11. July 17th., July 11, 1995.

Borwein:1995:MEMd

[Bor95n] Jonathan M. Borwein. Maximum entropy methods (using derivative information) and infinite dimensional convex programming. Pure Mathematics Seminar, University of Western Australia, Crawley, WA 6009, Australia., August 1, 1995.

Borwein:1995:MMTa

[Bor95o] Jonathan M. Borwein. Minimal multifunctions and their applications. Special Session on multivalued nonlinear dynamics, AMS Winter Meeting, Hilton Hotel, San Francisco, CA, USA., January 7, 1995.

Borwein:1995:MMTb

[Bor95p] Jonathan M. Borwein. Minimal multifunctions and their applications. Workshop on Nonsmooth Analysis and Applications, University of California at Santa Barbara, Santa Barbara, CA, USA, April 1–2., April 1, 1995.

Borwein:1995:KCa

[Bor95q] Jonathan M. Borwein. On Khinchine's constant. Seminar, University of Newcastle, Newcastle, NSW, Australia., July 18, 1995.

Borwein:1995:KCb

[Bor95r] Jonathan M. Borwein. On Khinchine's constant. Colloquium, Department of Mathematics and Statistics, University of Calgary, Calgary, AB, Canada., December 7, 1995.

Borwein:1995:SEC

[Bor95s] Jonathan M. Borwein. A survey of examples of convex functions and classifications of normed spaces. In Roland Durier and Chistian Michelot, editors, *Recent Developments in Optimization: Seventh French–German Conference on Optimization (Dijon 1994)*, volume 429 of *Lecture Notes in Economic and Mathematical Systems*, pages 60–71. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1995. ISBN 3-642-46823-3. LCCN QA402.5. URL `http://docserver.carma.newcastle.edu.au/93/`.

Borwein:1995:VSFa

[Bor95t] Jonathan M. Borwein. Virtual science: the future of mathematical research. President's Lecture Series, Simon Fraser University, Burnaby, BC, Canada., February 22, 1995.

Borwein:1995:VSFb

[Bor95u] Jonathan M. Borwein. Virtual science: the future of mathematical research. Science I, University of British Columbia, Vancouver, BC, Canada., March 2, 1995.

Borwein:1995:VDT

[Bor95v] Jonathan M. Borwein. Viscosity derivatives: theory and applications. Analysis Seminar, University of Auckland, New Zealand., June 28, 1995.

Borwein:1995:WEM

[Bor95w] Jonathan M. Borwein. What is experimental mathematics? Principal Lecture, Workshop on Experimental Mathematics, CARMA, Technical University of Denmark, Lyngby, Denmark., October 5, 1995.

Borwein:1996:CAA

[Bor96a] Jonathan M. Borwein. Convex analysis and applications. AMS Mathfest, University of Washington, Seattle, WA, USA., August 10, 1996.

Borwein:1996:DMW

[Bor96b] Jonathan M. Borwein. Doing mathematics on the Web. Colloquium, Department of Mathematics, University of British Columbia, Vancouver, BC, Canada., November 15, 1996.

Borwein:1996:EMP

[Bor96c] Jonathan M. Borwein. Experimental mathematics, promises and pitfalls. Colloquium & MAA Visiting Lecture, Department of Mathematics, Western Washington University, Bellingham, WA 98225, USA., February 6, 1996.

Borwein:1996:MPW

[Bor96d] Jonathan M. Borwein. Mathematical publishing on the Web. 10th Pacific North West Numerical Analysis Seminar, Vancouver, BC, Canada., September 21, 1996. URL `http://docserver.carma.newcastle.edu.au/190/`.

Borwein:1996:MMM

[Bor96e] Jonathan M. Borwein. Multi-modal mathematics. First Annual TeleLearning Meeting and Conference (as part of Plenary — Theme 5: Post Secondary Education), Montreal, QC, Canada, November 5–7., November 5, 1996.

Borwein:1996:MESa

[Bor96f] Jonathan M. Borwein. Multidimensional Euler sums: some recent results. Combinatorics and Graph Theory Conference (in honour of Herbert Wilf's 65th birthday), June 13–15, University of Pennsylvania, Philadelphia, PA 19104, USA., June 13, 1996.

Borwein:1996:MESb

[Bor96g] Jonathan M. Borwein. Multidimensional Euler sums: some recent results. CECM Conference on Analysis and its Computational Applications, Simon Fraser University, Burnaby, BC, Canada, August 14–15., August 14, 1996.

Borwein:1996:MESc

[Bor96h] Jonathan M. Borwein. Multidimensional Euler sums: some recent results. Fifth Canadian Number Theory Association Meeting, Carleton University, Ottawa, ON, Canada, August 17–22., August 21, 1996.

Borwein:1996:OMP

[Bor96i] Jonathan M. Borwein. The organic mathematics proceedings. Colloquium, University of Manitoba, Winnipeg, MB, Canada., March 29, 1996.

Borwein:1996:PSR

[Bor96j] Jonathan M. Borwein. Problems and solutions: Revivals: 10281. *American Mathematical Monthly*, 103(10):911–912, 1996. CODEN AMMYAE. ISSN 0002-9890 (print), 1930-0972 (electronic). URL `http://links.jstor.org/sici?sici=0002-9890(199612)103:10<911:1>2.0.CO%3B2-5&origin=MSN`.

Borwein:1996:VSC

[Bor96k] Jonathan M. Borwein. Virtual science: the changing face of mathematics. National Council of Teachers of Mathematics, Canadian Regional Meeting, Vancouver, BC, Canada, August 22–23., August 23, 1996.

Borwein:1997:DMWa

[Bor97a] Jonathan M. Borwein. Doing mathematics on the web. Colloquium, Department of Mathematics and Statistics, Simon Fraser University, Burnaby, BC, Canada., January 15, 1997.

Borwein:1997:DMWb

[Bor97b] Jonathan M. Borwein. Doing mathematics on the web. Colloquium, Department of Mathematics, Stats and CS, Dalhousie University, Halifax, NS, Canada., February 20, 1997.

Borwein:1997:DMWc

[Bor97c] Jonathan M. Borwein. Doing mathematics on the web. Colloquium, Science Faculty, Malaspina University College, Nanaimo, BC, Canada., March 26, 1997.

Borwein:1997:DMWe

[Bor97d] Jonathan M. Borwein. Doing mathematics on the web. 1997 Elizabeth Laird Lecture, University of Winnipeg, Winnipeg, MB, Canada., October 6, 1997.

Borwein:1997:DMWd

[Bor97e] Jonathan M. Borwein. Doing mathematics on the web: the organic mathematics collection. Two lectures, Canada–USA Mathcamps, Babson College, Wellesley, MA, USA., August 6, 1997.

Borwein:1997:EMD

[Bor97f] Jonathan M. Borwein. Evaluation of multi-dimensional Euler/Zagier sums. AMS Special Session on Algebraic and Elementary Number Theory, Corvallis, OR, USA, April 19–20., April 19, 1997.

Borwein:1997:GYI

[Bor97g] Jonathan M. Borwein. A generalization of Young's l^p inequality. Report, Department of Mathematics, Simon Fraser University, Burnaby, BC V5A 1S6, Canada, June 24, 1997. 6 pp. URL `http://docserver.carma.newcastle.edu.au/189/`.

Borwein:1997:ISC

[Bor97h] Jonathan M. Borwein. Inverse symbolic calculation: empirical mathematics. CRM Workshop on Computer Algebra and Statistics, Montreal, QC, Canada, September 21–27., September 24, 1997.

Borwein:1997:MPWa

[Bor97i] Jonathan M. Borwein. Mathematical publication on the Web. Lecture slides, Department of Mathematics, Simon Fraser University, Burnaby, BC V5A 1S6, Canada, June 1, 1997. 20 (printed 4-up) pp. URL `http://docserver.carma.newcastle.edu.au/190`. CAMS–Fields Mini–Colloquium on Technology and Mathematical Education, Toronto, ON, Canada.

Borwein:1997:MPWb

[Bor97j] Jonathan M. Borwein. Mathematical publishing on the web. Colloquium, School of Mathematical Sciences, Lakehead University, Thunder Bay, ON P7B 5E1, Canada., September 22, 1997. URL `http://docserver.carma.newcastle.edu.au/190/`.

Borwein:1997:MMa

[Bor97k] Jonathan M. Borwein. The MathResource and the MathBrowser. 13 presentations at NECC, Seattle, WA, USA., June 29–30, 1997.

Borwein:1997:MEM

[Bor97l] Jonathan M. Borwein. Maximum entropy methods an introduction. VHHSC Medical Imaging Group Open House, Vancouver Hospital and Health Science Centre, Vancouver, BC, Canada., March 4, 1997.

Borwein:1997:MDP

[Bor97m] Jonathan M. Borwein. Multi-dimensional polylogarithmic sums. CRM Workshop on Experimental Mathematics and Combinatorics, Montreal, QC, Canada, May 19–23., May 20, 1997.

Borwein:1997:MMb

[Bor97n] Jonathan M. Borwein. Multimodal mathematics. Software Demonstrations, Telelearning NCE, Second Annual Conference, Toronto, ON, Canada., November 5–6, 1997.

Borwein:1997:OPT

[Bor97o] Jonathan M. Borwein. Online publishing: two views from the electronic trenches. Scholarly Communication in the Next Millennium, Simon Fraser University (Harbour Centre), Burnaby, BC, Canada, March 5–8., March 7, 1997.

Borwein:1997:PSV

[Bor97p] Jonathan M. Borwein. Partially smooth variational analysis. AMS Special Session on Optimization and Variational Analysis, Wayne State University, Detroit, MI, USA, May 2–4., May 2, 1997.

Borwein:1997:SDIa

[Bor97q] Jonathan M. Borwein. Symbolically discovered identities for zeta(4n+3) and multidimensional polylogarithms. Penn State Number Theory Conference, July 31–Aug 3., July 31, 1997.

Borwein:1997:TAPa

[Bor97r] Jonathan M. Borwein. Talking about pi. Mathematics and Statistics Department Colloquium, Western Michigan University, Kalamazoo, MI, USA., May 5, 1997.

Borwein:1997:TAPb

[Bor97s] Jonathan M. Borwein. Talking about pi. Two lectures, Canada–USA Mathcamps, Babson College, Wellesley, MA, USA., August 4, 1997.

Borwein:1997:TAPc

[Bor97t] Jonathan M. Borwein. Talking about pi. Colloquium, School of Mathematical Sciences, Lakehead University, Thunder Bay, ON P7B 5E1, Canada., September 22, 1997.

Borwein:1997:TAPd

[Bor97u] Jonathan M. Borwein. Talking about pi. Undergraduate Colloquium, University of Western Ontario, London, ON, Canada., November 3, 1997.

Borwein:1997:TASa

[Bor97v] Jonathan M. Borwein. Three adventures: Symbolically discovered identities for $\zeta(4n+3)$ and like matters. Plenary talk, Formal Power Series and Algebraic Combinatorics, 9, Vienna, Austria, July 14–18., July 14, 1997.

Borwein:1997:TASb

[Bor97w] Jonathan M. Borwein. Three adventures: Symbolically discovered identities for $\zeta(4n+3)$ and like matters. Joint CS/C&O Colloquium, University of Waterloo, Waterloo, ON, Canada., October 9, 1997.

Borwein:1997:VSC

[Bor97x] Jonathan M. Borwein. Virtual science: the changing face of mathematical research. Three lectures, Canada–USA Mathcamps, Babson College, Wellesley, MA, USA., August 5, 1997.

Borwein:1997:WP

[Bor97y] Jonathan M. Borwein. Why pi? Colloquium, Department of Mathematics and Statistics, University of Winnipeg, Winnipeg, MB, Canada., October 7, 1997.

Borwein:1998:MPW

[Bor98a] Jonathan Borwein. Mathematical publication on the Web. *SIGSAM Bulletin (ACM Special Interest Group on Symbolic and Algebraic Manipulation)*, 32(1):4–7, March 1998. CODEN SIGSBZ. ISSN 0163-5824 (print), 1557-9492 (electronic). URL `http://docserver.carma.newcastle.edu.au/190/;http://doi.acm.org/10.1145/294833.294836`.

Borwein:1998:TAP

[Bor98b] Jonathan Borwein. Talking about pi. The original URL is no longer found, but the archive URL worked on 26-Apr-2011., January 20, 1998.

Borwein:1998:BVF

[Bor98c] Jonathan M. Borwein. Brainstorming: views of the future. Presentation, First Workshop of the IMU Committee on Electronic Information and Communication, (Nov 13–14), Konrad-Zuse-Zentrum für Informationstechnik, Berlin, Germany., November 13, 1998.

Borwein:1998:BHS

[Bor98d] Jonathan M. Borwein. Brouwer–Heyting sequences converge. *The Mathematical Intelligencer*, 20(1):14–15, 1998. CODEN MAINDC. ISSN 0343-6993 (print), 1866-7414 (electronic).

Borwein:1998:CNT

[Bor98e] Jonathan M. Borwein. Collaborative networking technology in the mathematical sciences. MITACS/Canada–China Opening, Asia–Pacific Centre, University of British Columbia, Vancouver, BC, Canada., November 18, 1998.

Borwein:1998:ES

[Bor98f] Jonathan M. Borwein. Euler sums. CECM98 Analysis Day, Simon Fraser University, Burnaby, BC, Canada., June 29, 1998.

Borwein:1998:GYI

[Bor98g] Jonathan M. Borwein. A generalization of Young's l^p inequality. *Mathematical Inequalities & Applications*, 1(1):131–136, 1998. ISSN 1331-4343 (print), 1848-9966 (electronic). URL `http://docserver.carma.newcastle.edu.au/189/`.

Borwein:1998:HPS

[Bor98h] Jonathan M. Borwein. High performance symbolic computing: A mathematician's perspective. Plenary Lecture, NESRC-MSRI Workshop on Parallel Symbolic Computation (Oct. 1–3), Berkeley, CA, USA., October 1, 1998.

Borwein:1998:JP

[Bor98i] Jonathan M. Borwein. The joy of pi. Joint presentation and book signing with D. Blatner and L. Berggren, University of Washington Bookstore, Seattle, WA, USA., April 22, 1998.

Borwein:1998:MRI

[Bor98j] Jonathan M. Borwein. Math resources: Interactive mathematics workspaces. Eleventh International Conference on Technology in Collegiate Mathematics, New Orleans, LA, USA (Nov 20–22)., November 21, 1998.

Borwein:1998:MFA

[Bor98k] Jonathan M. Borwein. Multifunctional and functional analytic methods in nonsmooth analysis. Four Lectures, NATO Advanced Study Institute on Analyse non linéaire, équations différentielles et contrôle, Université de Montréal, Montréal, QC, Canada, July 27–Aug 7., August 3–7, 1998.

Borwein:1998:PSVa

[Bor98l] Jonathan M. Borwein. Partially smooth variational analysis. Workshop talk, CMA National Symposium on Functional Analysis, Optimization and Applications, University of Newcastle, Newcastle, NSW, Australia, March 9–21., March 9, 1998.

Borwein:1998:PSVb

[Bor98m] Jonathan M. Borwein. Partially smooth variational analysis. Spring 1998 West Coast Optimization Meeting, Harbour Centre, Simon Fraser University, Burnaby, BC, Canada., April 24, 1998.

Borwein:1998:PAM

[Bor98n] Jonathan M. Borwein. Projection algorithms and monotone operators. Plenary lecture in conjunction with CMA National Symposium on Functional Analysis, Optimization and Applications, University of Newcastle (CIDACS and Mathematics), Newcastle, NSW, Australia, March 9–21., March 20, 1998.

Borwein:1998:SIT

[Bor98o] Jonathan M. Borwein. Sandwich (interpolation) theorems for Lipschitz functions. Workshop talk, CMA National Symposium on Functional Analysis, Optimization and Applications, University of Newcastle, Newcastle, NSW, Australia, March 9–21., March 13, 1998.

Borwein:1998:SNM

[Bor98p] Jonathan M. Borwein. Some new mean value inequalities. Analysis Seminar, Dalhousie University, Halifax, NS, Canada., June 10, 1998.

Borwein:1998:TAS

[Bor98q] Jonathan M. Borwein. Three adventures in symbolic computing. The Macquarie Mathematics Colloquium and Number Theory Seminar., March 31, 1998.

Borwein:1998:VSD

[Bor98r] Jonathan M. Borwein. Virtual science: doing math on the web. Public lecture in conjunction with CMA National Symposium on

Functional Analysis, Optimization and Applications, University of Newcastle, Newcastle, NSW, Australia, March 9–21., March 16, 1998.

Borwein:1999:CAN

[Bor99a] Jonathan M. Borwein. Convex analysis and nonlinear optimization. Mini-course (9 hours), 5th International Conference on Approximation and Optimization in the Caribbean, Guadeloupe, March 28 April 2, 1999., March 28, 1999.

Borwein:1999:DNMa

[Bor99b] Jonathan M. Borwein. Distributed network mathematics laboratories. TL-NCE Project Leaders Meeting, Toronto, ON, Canada., June 13, 1999.

Borwein:1999:DNMb

[Bor99c] Jonathan M. Borwein. Distributed network mathematics laboratories. MITACS Day, CECM, Simon Fraser University, Burnaby, BC, Canada., August 3, 1999.

Borwein:1999:DMPc

[Bor99d] Jonathan M. Borwein. Doing math in the presence of technology. Colloquium, Department of Mathematics and Statistics, Miami University of Ohio (1999 Buckingham Fellow in Residence)., October 14, 1999.

Borwein:1999:DMPa

[Bor99e] Jonathan M. Borwein. The doing of mathematics in the presence of technology. Canadian Mathematics Education Study Group (CMESG), First Plenary, Brock University, St. Catharines, ON, Canada, June 4–8., June 4, 1999.

Borwein:1999:DMPb

[Bor99f] Jonathan M. Borwein. The doing of mathematics in the presence of technology. Session on Electronic Information and Communication, Joint Australian–American Math Society Meetings, Melbourne, VIC, Australia, July 12–15., July 13, 1999.

Borwein:1999:EMEa

[Bor99g] Jonathan M. Borwein. Experimental mathematics and exact computation. Plenary Lecture, International Symposium on Symbolic and Algebraic Commutation (ISSAC), Vancouver, BC, Canada, July 29–31, 1999., July 29, 1999.

Borwein:1999:EMEb

[Bor99h] Jonathan M. Borwein. Experimental mathematics and exact computation. Colloquium, Physics Department, University of Bologna, Bologna, Italy., September 17, 1999.

Borwein:1999:EMIa

[Bor99i] Jonathan M. Borwein. Experimental mathematics: Insight from computation. MAA Invited Address, Combined Mathematics Meetings, San Antonio, TX, USA, January 12–16., January 16, 1999.

Borwein:1999:EMIb

[Bor99j] Jonathan M. Borwein. Experimental mathematics: Insight from computation. Lecture II, Institute of Advanced Research in Mathematics (IAS), Technion, Haifa, Israel., January 25, 1999.

Borwein:1999:EMIc

[Bor99k] Jonathan M. Borwein. Experimental mathematics: Insight from computation. 2 hour Invited Address, MAA Pacific Northwest Section Meeting, Willamette University, Salem, OR, USA, March 12–13, 1999., February 8, 1999.

Borwein:1999:EMId

[Bor99l] Jonathan M. Borwein. Experimental mathematics: Insight from computation. Twenty-Seventh Annual Fall Conference: Twenty-Seventh Annual Fall Conference: “Experimental Mathematics”, Miami University, October 15–16., October 15, 1999.

Borwein:1999:GBGa

[Bor99m] Jonathan M. Borwein. Generic behaviour of generalized gradients. Special Session on Nonlinear Analysis, Canadian Mathematical Society Summer Meeting, Memorial University, St John’s, NL, Canada., May 29, 1999.

Borwein:1999:GBGb

[Bor99n] Jonathan M. Borwein. Generic behaviour of generalized gradients. Session on Nonlinear Dynamics and Optimization, Joint Australian-American Math Society Meetings, Melbourne, VIC, Australia, July 12–15., July 13, 1999.

Borwein:1999:HC

[Bor99o] Jonathan M. Borwein. Honoris causa. Acceptance speech, University of Limoges, Limoges, France., September 22, 1999.

Borwein:1999:IML

[Bor99p] Jonathan M. Borwein. Interactive mathematics labs. CECM-MITACS Day Presentation, Simon Fraser University, Burnaby, BC, Canada., November 12, 1999.

Borwein:1999:MSa

[Bor99q] Jonathan M. Borwein. Maximizing surprise. Session on Operations Research, Joint Australian-American Math Society Meetings, Melbourne, VIC, Australia, July 12–15., July 13, 1999.

Borwein:1999:MSb

[Bor99r] Jonathan M. Borwein. Maximizing surprise. Colloque: Analyse et Applications., September 23, 1999.

Borwein:1999:MSc

[Bor99s] Jonathan M. Borwein. Maximizing surprise. Colloquium, Pure Mathematics Department, University of Western Ontario, London, ON, Canada., October 1, 1999.

Borwein:1999:PSVb

[Bor99t] Jonathan M. Borwein. Partially smooth variational analysis. Nonlinear analysis seminar, Technion, Haifa, Israel., January 24, 1999.

Borwein:1999:PSVc

[Bor99u] Jonathan M. Borwein. Partially smooth variational analysis. Seventh Conference on Well-posedness and Stability of Optimization Problems, Gargnano, Italy, September 13–18., September 14, 1999.

Borwein:1999:PC

[Bor99v] Jonathan M. Borwein. Pi and its computation. Twenty-Seventh Annual Fall Conference: Twenty-Seventh Annual Fall Conference: "Experimental Mathematics", Miami University, October 15–16., October 16, 1999.

Borwein:1999:PAT

[Bor99w] Jonathan M. Borwein. Projection algorithms & tangency formulae. Lecture III, Institute of Advanced Research in Mathematics (IAS), Technion, Haifa, Israel., January 28, 1999.

Borwein:1999:PW

[Bor99x] Jonathan M. Borwein. Publishing on the web. Burnaby Rotary Club, Burnaby, BC, Canada., February 8, 1999.

Borwein:1999:SNMa

[Bor99y] Jonathan M. Borwein. Some new mean–value inequalities. Lecture I, Institute of Advanced Research in Mathematics (IAS), Technion, Haifa, Israel., January 21, 1999.

Borwein:1999:SNMb

[Bor99z] Jonathan M. Borwein. Some new mean–value inequalities. Winter 1998 West Coast Optimization Meeting, University of Washington, Seattle, WA, USA, Feb 5–6., February 6, 1999.

Borwein:1999:SNMc

[Bor99-27] Jonathan M. Borwein. Some new mean-value theorems. Sixth Australian Optimization Day, Ballarat, VIC, Australia., July 16, 1999.

Borwein:1999:TAP

[Bor99-28] Jonathan M. Borwein. Talking about pi. Technion Mathclub Lecture, Technion, Haifa, Israel., January 27, 1999.

Borwein:1999:WP

[Bor99-29] Jonathan M. Borwein. Why pi? Dinner Address, MAA Pacific Northwest Section Meeting, Willamette University, Salem, OR, USA, March 12–13, 1999., March 13, 1999.

Borwein:19xx:EIG

[Borxx] Jonathan M. Borwein. Elliptic integrals and the Gauss–Salamin formula for π. Unpublished hand-written lecture slides at Dalhousie University. The slides are undated, and the 10 references on the final slides include a reference to E. Salamin (1976) and to P. Backmann's 1977 book *A History of Pi.*, 19xx.

Borwein:2000:CII

[Bor00a] Jonathan M. Borwein. CEIC–IMU initiatives. CMS special session on Mathematics on the Internet, II (MOTI-2), CMS Year 2000 Summer Meeting, Hamilton, ON, Canada, June 10–13., June 10, 2000.

Borwein:2000:EMEa

[Bor00b] Jonathan M. Borwein. Experimental mathematics and exact computation. Washington State Meeting on Exact Algorithmics, Pullman, WA, USA., April 8, 2000.

Borwein:2000:EMEb

[Bor00c] Jonathan M. Borwein. Experimental mathematics and exact computation. Colloquium, Mathematics Department, Temple University, Philadelphia, PA, USA., April 12, 2000.

Borwein:2000:EMEc

[Bor00d] Jonathan M. Borwein. Experimental mathematics and exact computation. Colloquium as Thirteenth Annual Donald H. Clanton Visiting Mathematician, Furman University, Greenville, SC 29613, USA., April 13, 2000.

Borwein:2000:EMEd

[Bor00e] Jonathan M. Borwein. Experimental mathematics and exact computation. Colloquium, University of Western Australia, Crawley, WA 6009, Australia., April 19, 2000.

Borwein:2000:EMEe

[Bor00f] Jonathan M. Borwein. Experimental mathematics and exact computation. Colloquium at GSF-Forschungszentrum Inst. für Biomathematik und Biometriei, University of Munich, München, Germany., October 4, 2000.

Borwein:2000:EMEf

[Bor00g] Jonathan M. Borwein. Experimental mathematics and exact computation. Ernst Schrödinger Lecture, Schrödinger Institute, University of Vienna, Vienna, Austria., October 5, 2000.

Borwein:2000:EMEg

[Bor00h] Jonathan M. Borwein. Experimental mathematics and exact computation. Colloquium, University of Coimbra, Coimbra, Portugal., November 27, 2000.

Borwein:2000:EMEh

[Bor00i] Jonathan M. Borwein. Experimental mathematics and exact computation. Colloquium, University of Lisbon, Lisbon, Portugal., November 28, 2000.

Borwein:2000:EMOa

[Bor00j] Jonathan M. Borwein. Experimental mathematics and other good stuff. Four Hour Lecture Series, Canada–US Mathcamps, University of British Columbia, Vancouver, BC, Canada., July 13–14, 2000.

Borwein:2000:EMOb

[Bor00k] Jonathan M. Borwein. Experimental mathematics and other good stuff. Science One Presentation, University of British Columbia, Vancouver, BC, Canada., October 17, 2000.

Borwein:2000:GBG

[Bor00l] Jonathan M. Borwein. The generic behaviour of generalized gradients. Third World Congress of Nonlinear Analysts, Special session on "Variational Analysis and Optimization", July 19–25, 2000, Catania, Italy., July 19, 2000.

Borwein:2000:GPG

[Bor00m] Jonathan M. Borwein. Generic properties of generalized gradients. Colloque, Université des Antilles et de la Guyane, Guadeloupe., May 31, 2000.

Borwein:2000:ITD

[Bor00n] Jonathan M. Borwein. The impact of technology on the doing of mathematics. Public Lecture as Donald H. Clanton Visiting Mathematician, Furman University, Greenville, SC 29613, USA., April 13, 2000. URL `http://docserver.carma.newcastle.edu.au/248/`.

Borwein:2000:MNI

[Bor00o] Jonathan M. Borwein. Mathématiques numerique et informatique. Conférence, 5ieme Colloque de l'IREM (Institut de recherche sur l'enseignement des mathématiques) Antilles-Guyane, Guadeloupe., June 2, 2000.

Borwein:2000:MSa

[Bor00p] Jonathan M. Borwein. Maximizing surprise. Colloque, Université des Antilles et de la Guyane, Guadeloupe., May 24, 2000.

Borwein:2000:MSb

[Bor00q] Jonathan M. Borwein. Maximizing surprise. Colloquium, Mathematics Department, Michigan State University, East Lansing, MI, USA., November 2, 2000.

Borwein:2000:MSI

[Bor00r] Jonathan M. Borwein. Multivariable sinc integrals and volumes of convex polyhedra. Special Session on Classical and Computational Analysis, Canadian Mathematical Society Winter Meeting, Vancouver, BC, Canada., December 10, 2000.

Borwein:2000:NCMb

[Bor00s] Jonathan M. Borwein. Numerical and computational mathematics at the undergraduate level. Plenary lecture, Pacific Northwest Sectional MAA Meeting, University of British Columbia, Vancouver, BC, Canada, 16–17 June., June 17, 2000. URL `http://docserver.carma.newcastle.edu.au/246/`.

Borwein:2000:PSC

[Bor00t] Jonathan M. Borwein. Parallel symbolic computation: Methods and issues. Haifa-Technion Workshop on 'Inherently parallel algorithms in optimization and feasibility and their applications', March 14., March 13–16, 2000.

Borwein:2000:SNM

[Bor00u] Jonathan M. Borwein. Some new mean-value theorems. Colloque, Université des Antilles et de la Guyane, Guadeloupe., May 29, 2000.

Borwein:2000:TPS

[Bor00v] Jonathan M. Borwein. Tools for (partially) smooth variational analysis. Third World Congress of Nonlinear Analysts, Plenary Lecture, July 19–25, 2000, Catania, Italy., July 25, 2000.

Borwein:2000:UWH

[Bor00w] Jonathan M. Borwein. The use of wireless and handheld devices in telelearning. Panel, Telelearning Annual Meeting, Toronto, ON, Canada., November 5, 2000.

Borwein:2001:AWMa

[Bor01a] Jonathan M. Borwein. Aesthetics for the working mathematician. Report, Simon Fraser University, Burnaby, BC V5A 1S6, Canada, April 18, 2001. 22 pp. URL `http://docserver.carma.newcastle.edu.au/150/`. Public Lecture at Queen's University Symposium on Beauty and the Mathematical Beast, April 18–19, Kingston, ON, Canada.

Borwein:2001:AWMb

[Bor01b] Jonathan M. Borwein. Aesthetics for the working mathematician. Special Mathematics Seminar, University of New South Wales, Sydney, NSW, Australia., August 20, 2001. URL `http://docserver.carma.newcastle.edu.au/150/`.

Borwein:2001:AWMc

[Bor01c] Jonathan M. Borwein. Aesthetics for the working mathematician. Mathematics Colloquium, Macquarie University, Sydney, NSW, Australia., August 21, 2001. URL http://docserver.carma.newcastle.edu.au/150/.

Borwein:2001:AWMd

[Bor01d] Jonathan M. Borwein. Aesthetics for the working mathematician. Special Session on History of Mathematics, CMS Winter Meeting, Toronto, ON, Canada, December 8–10, 2001., December 9, 2001. URL http://docserver.carma.newcastle.edu.au/150/.

Borwein:2001:CMCb

[Bor01e] Jonathan M. Borwein. Challenges in mathematical computing — why math is still hard. MAA Seaway Sectional Meeting, after dinner lecture, Brock University, St. Catharines, ON, Canada, November 2–3, 2001., November 2, 2001.

Borwein:2001:COM

[Bor01f] Jonathan M. Borwein. Collaborative online mathematics: wishing and hoping. Plenary lecture, Fields Institute Workshop on Online Mathematics, November 15–17, 2001., November 15, 2001.

Borwein:2001:DSS

[Bor01g] Jonathan M. Borwein. Dirichlet series of squares of sums of squares. ALGO Seminar, INRIA — Rocquencourt, France., October 22, 2001.

Borwein:2001:EM

[Bor01h] Jonathan M. Borwein. Experimental mathematics. *Australian Mathematical Society Gazette*, 28(??):77–80, ???? 2001. ISSN 0311-0729 (print), 1326-2297 (electronic). URL http://docserver.carma.newcastle.edu.au/1527/.

Borwein:2001:EMEa

[Bor01i] Jonathan M. Borwein. Experimental mathematics and exact computation. Number Theory Seminar, Macquarie University, Sydney, NSW, Australia., August 21, 2001.

Borwein:2001:EMEb

[Bor01j] Jonathan M. Borwein. Experimental mathematics and exact computation. Distinguished Visitor Colloquium, INRIA — Rocquencourt, France., October 23, 2001.

Borwein:2001:EMEc

[Bor01k] Jonathan M. Borwein. Experimental mathematics and exact computation. Colloquium, University of Limoges, France., October 24, 2001.

Borwein:2001:EMI

[Bor01l] Jonathan M. Borwein. Exploring math on the Internet. Esso-CMS-PIMS Math Camp, (9.00–12.00), Simon Fraser University, Burnaby, BC, Canada, June 25–29., June 28, 2001.

Borwein:2001:IMU

[Bor01m] Jonathan M. Borwein. The International Math Union's electronic initiatives — and WestGrid. CECM01 Summer Conference, Analysis, Computation and Communication Simon Fraser, July 27–28., July 27, 2001.

Borwein:2001:FIW

[Bor01n] Jonathan M. Borwein. The International Mathematical Union's electronic initiatives. First International Workshop on Mathematical Knowledge Management, Sept 24–26, RISC Linz, Austria., September 25, 2001.

Borwein:2001:MET

[Bor01o] Jonathan M. Borwein. Maximum entropy-type methods and convex programming. Workshop on New Approaches to the Phase Problem, Lawrence Berkeley National Laboratory, Berkeley, CA, USA, May 17–19 (replaced by poster)., May 17, 2001.

Borwein:2001:MSIa

[Bor01p] Jonathan M. Borwein. Multivariable sinc integrals and volumes of convex polyhedra. Special Session on Series and Integrals, Combined Mathematics Meetings, New Orleans, LA, USA, January 9–13., January 10, 2001.

Borwein:2001:MSIb

[Bor01q] Jonathan M. Borwein. Multivariable sinc integrals and volumes of convex polyhedra. Analysis Seminar, University of Newcastle, Newcastle, NSW, Australia., August 16, 2001.

Borwein:2001:MSIc

[Bor01r] Jonathan M. Borwein. Multivariable sinc integrals and volumes of convex polyhedra. ALGO Seminar, INRIA — Rocquencourt, France., October 22, 2001.

Borwein:2002:EMI

[Bor02a] J. M. Borwein. Experimental mathematics and integer relations. *European Research Consortium for Informatics and Mathematics, ERCIM News*, 50(??):30–31, July 2002. URL `https://www.`

ercim.eu/publication/Ercim_News/enw50/borwein.html. Section Special Theme ERCIMathematics.

Borwein:2002:BMO

[Bor02b] Jonathan M. Borwein. Bregman monotone optimization methods and related convex functions. Plenary Lecture, IV Brazilian Workshop on Continuous Optimization, IMPA, Rio de Janeiro, Brazil, July 15–20, 2002., July 16, 2002.

Borwein:2002:CNF

[Bor02c] Jonathan M. Borwein. The CEIC: The next four years. West Coast Optimization Fall Meeting, University of Washington, Seattle, WA, USA., November 2, 2002.

Borwein:2002:DMFa

[Bor02d] Jonathan M. Borwein. Differentiability of monotone functions on separable Banach space. Spring 2002 West Coast Optimization Meeting, Burnaby Mountain Campus, Simon Fraser University, Burnaby, BC, Canada., May 4, 2002.

Borwein:2002:DMFb

[Bor02e] Jonathan M. Borwein. Differentiability of monotone functions on separable Banach space. Nonlinear Analysis Seminar, University of Pau, 64012 Pau, France., November 13, 2002.

Borwein:2002:DLM

[Bor02f] Jonathan M. Borwein. The digital library of mathematics. Presentation at ICM Satellite Meeting on Electronic Information and Communication in Mathematics, Beijing, August 29–31, 2002., August 31, 2002.

Borwein:2002:DEM

[Bor02g] Jonathan M. Borwein. Digitizing the entire mathematical literature: what wild surmise! CMS Special Session on History of Mathematics, Ottawa, December 8–10, 2002. (Also presented to CISTI Board, December 6th.)., December 9, 2002.

Borwein:2002:DSSa

[Bor02h] Jonathan M. Borwein. Dirichlet series for squares of sums of squares. Plenary Lecture at Seventh Canadian Number Theory Association Conference at CRM, May 19–25, 2002., May 22, 2002.

Borwein:2002:DSSb

[Bor02i] Jonathan M. Borwein. Dirichlet series for squares of sums of squares. Discrete Mathematics Seminar, University of Calgary, Calgary, AB, Canada., October 18, 2002.

Borwein:2002:EMCa

[Bor02j] Jonathan M. Borwein. The experimental mathematician: A computational guide to the mathematical unknown. Plenary Lecture at The First International Congress of Mathematical Software, Beijing, China, August 17–19, 2002., August 17–19, 2002.

Borwein:2002:EMCb

[Bor02k] Jonathan M. Borwein. The experimental mathematician: A computational guide to the mathematical unknown. Numerical Analysis Seminar, University of Pau, 64012 Pau, France., November 14, 2002.

Borwein:2002:EMPa

[Bor02l] Jonathan M. Borwein. The experimental mathematician: The pleasure of discovery and the role of proof. Plenary Lecture at 25th Anniversary Meeting of the Canadian Math Educators Study Group (CMESG), Queen's University, Kingston, ON, May 25–29, 2002., May 26, 2002. URL `http://docserver.carma.newcastle.edu.au/264/`.

Borwein:2002:EMPb

[Bor02m] Jonathan M. Borwein. The experimental mathematician: The pleasure of discovery and the role of proof. Response and Discussion, 25th Anniversary Meeting of the Canadian Math Educators Study Group (CMESG), Queen's University, Kingston, ON, Canda, May 25–29, 2002., May 27, 2002. URL `http://docserver.carma.newcastle.edu.au/264/`.

Borwein:2002:IMU

[Bor02n] Jonathan M. Borwein. The International Mathematical Union's electronic initiatives. Workshop on Managing digital information in mathematics: From journals to the gray literature. during the Fourth Annual CEIC Meeting, Vancouver Wosk Centre, Vancouver, BC, Canada, February 15–17, 2001., February 16, 2002.

Borwein:2002:IWC

[Bor02o] Jonathan M. Borwein. Introduction to the work of the CEIC. Electronic Information Afternoon at the ICM, Beijing, August 20–27, 2002., August 26, 2002.

Borwein:2002:MMF

[Bor02p] Jonathan M. Borwein. Mathematical marvels: Fields of dreams. Simon Fraser series A Passion For Excellence, on the Nobel and like Prizes., March 26, 2002.

Borwein:2002:NFY

[Bor02q] Jonathan M. Borwein. The next four years. Invited Lecture at ICM Satellite Meeting on Electronic Information and Communication in Mathematics, Beijing, China, August 29–31, 2002., August 29, 2002.

Borwein:2002:WMD

[Bor02r] Jonathan M. Borwein. Welcome to the mathematics of dynamic SPECT. Workshop on Exploring the Frontiers of Dynamic SPECT, Wall Institute, University of British Columbia, Vancouver, BC, Canada, September 20–23, 2002., September 21, 2002.

Borwein:2002:WMSa

[Bor02s] Jonathan M. Borwein. Why math is (still) hard: Challenges for mathematical computing. Distinguished Visitors Colloquium, Wayne State, Detroit, MI, USA., March 20, 2002.

Borwein:2002:WMSb

[Bor02t] Jonathan M. Borwein. Why math is (still) hard: Challenges for mathematical computing. Colloquium, Centre de Recherches Mathématiques, Montreal, QC, Canada., April 22, 2002.

Borwein:2003:ACGc

[Bor03a] Jonathan M. Borwein. Advanced collaboration and grid computation. Presentation to the SFU Board of Governors, Burnaby, BC, Canada., November 27, 2003.

Borwein:2003:ACGa

[Bor03b] Jonathan M. Borwein. Advanced collaboration and grid computation, I. ICIAM 2003 Mini-symposium, International Congress on Industrial and Applied Mathematics, Sydney, NSW, Australia., July 9, 2003.

Borwein:2003:ACGb

[Bor03c] Jonathan M. Borwein. Advanced collaboration and grid computation, II. ICIAM 2003 Mini-symposium, International Congress on Industrial and Applied Mathematics, Sydney, NSW, Australia., July 9, 2003.

Borwein:2003:ACFa

[Bor03d] Jonathan M. Borwein. The AGM continued fraction of Ramanujan. CECM Day 2003, Simon Fraser University, Burnaby, BC, Canada., July 31, 2003.

Borwein:2003:ACFb

[Bor03e] Jonathan M. Borwein. The AGM continued fraction of Ramanujan. First Plenary Lecture, First Congress of the Mathematical Society of South East Europe (MASSEÉ), Borovets, Bulgaria., September 16, 2003.

Borwein:2003:ACFc

[Bor03f] Jonathan M. Borwein. The AGM continued fraction of Ramanujan. Colloquium, Reed College, OR, USA., October 14, 2003.

Borwein:2003:BMP

[Bor03g] Jonathan M. Borwein. Bringing math to the public. Panel Moderator, CMS National School Math Forum, May 16–18, Montreal, QC, Canada., May 18, 2003.

Borwein:2003:CHC

[Bor03h] Jonathan M. Borwein. Canadian Highend Computing Initiatives. NRC-CISTI Presentation, CISTI Advisory Board, Fredericton, NB, Canada., April 30, 2003.

Borwein:2003:DSF

[Bor03i] Jonathan M. Borwein. The department. Simon Fraser University, Burnaby, BC, Canada., February 26, 2003.

Borwein:2003:DM

[Bor03j] Jonathan M. Borwein. Discovery in mathematics. Workshop on Special Functions in the Digital Age, Simon Fraser University, January 23–24, 2003, Burnaby, BC, Canada., January 24, 2003.

Borwein:2003:EM

[Bor03k] Jonathan M. Borwein. Experimentation in mathematics. Dalhousie University, Faculty of Computing Science Colloquium, 2003, Halifax, NS, Canada., April 28, 2003.

Borwein:2003:EMC

[Bor03l] Jonathan M. Borwein. Experimentation in mathematics: Computational paths to discovery. Colloquium, University of Adelaide, Adelaide, SA, Australia., June 27, 2003.

Borwein:2003:EMPa

[Bor03m] Jonathan M. Borwein. Experimentation in mathematics: Part I. Frontiers of Mathematics, Lecture Series, Texas A&M University, College Station, TX, USA, March 22–27, 2003., March 25, 2003.

Borwein:2003:EMPb

[Bor03n] Jonathan M. Borwein. Experimentation in mathematics: Part II. Frontiers of Mathematics, Lecture Series, Texas A&M University, College Station, TX, USA, March 22–27, 2003., March 26, 2003.

Borwein:2003:FNA

[Bor03o] Jonathan M. Borwein. The Fields, Nevanlinna and Abel Prizes: Chasing the mathematical prize. In lecture series "Recognizing Excellence. The Nobels and Other Prizes", Series, SFU Harbour Centre, Burnaby, BC, Canada, 2003., March 13, 2003.

Borwein:2003:HEI

[Bor03p] Jonathan M. Borwein. Handling electronic issues in the international mathematical community. ICIAM 2003 Minisymposium, International Congress on Industrial and Applied Mathematics, Sydney, NSW, Australia., July 7, 2003.

Borwein:2003:LPa

[Bor03q] Jonathan M. Borwein. The life of pi. Pi Day Open House, Simon Fraser University, Burnaby, BC, Canada., March 14, 2003.

Borwein:2003:LPb

[Bor03r] Jonathan M. Borwein. The life of pi. Frontiers of Mathematics, Lecture Series, Texas A&M University, March 22–27, 2003., March 24, 2003.

Borwein:2003:LPc

[Bor03s] Jonathan M. Borwein. The life of pi. Colloquium, University of South Australia, Adelaide, SA, Australia., July 1, 2003.

Borwein:2003:LPd

[Bor03t] Jonathan M. Borwein. The life of pi. Colloquium, Royal Melbourne Institute of Technology, Melbourne, VIC, Australia., July 3, 2003.

Borwein:2003:LPe

[Bor03u] Jonathan M. Borwein. The life of pi. Colloquium, University of Newcastle, Newcastle, NSW, Australia., July 15, 2003.

Borwein:2003:LPf

[Bor03v] Jonathan M. Borwein. The life of pi. Colloquium, Dalhousie University, Halifax, NS, Canada., October 10, 2003.

Borwein:2003:LPg

[Bor03w] Jonathan M. Borwein. The life of pi. Colloquium, University of Regina, Regina, SK, Canada., October 30, 2003.

Borwein:2003:LRPa

[Bor03x] Jonathan M. Borwein. The long range plan for high-end computing in Canada. Vancouver 'town hall' meeting, Simon Fraser University, Burnaby, BC, Canada., March 3, 2003.

Borwein:2003:LRPb

[Bor03y] Jonathan M. Borwein. The long range plan for high-end computing in Canada. Victoria 'town hall' meeting, University of Victoria, Victoria, BC, Canada., March 10, 2003.

Borwein:2003:MEPa

[Bor03z] Jonathan M. Borwein. Mathematics by experiment: Plausible reasoning in the 21st century. Colloquium, University of Adelaide, SA, Australia., June 25, 2003. URL `http://docserver.carma.newcastle.edu.au/272/`.

Borwein:2003:MEPb

[Bor03-27] Jonathan M. Borwein. Mathematics by experiment: Plausible reasoning in the 21st century. 98 lecture slides from the Royal Society Lecture Series. Simon Fraser University, Burnaby, BC, Canada., October 21, 2003. URL `http://www.lacim.uqam.ca/~plouffe/articles/rsc-talk`.

Borwein:2003:MEPc

[Bor03-28] Jonathan M. Borwein. Mathematics by experiment: Plausible reasoning in the 21st century. Colloquium, University of Northern British Columbia, Prince George, BC, Canada., October 23, 2003. URL `http://docserver.carma.newcastle.edu.au/272/`.

Borwein:2003:MEPd

[Bor03-29] Jonathan M. Borwein. Mathematics by experiment: Plausible reasoning in the 21st century. Colloquium, University of Saskatchewan, Saskatoon, SK, Canada., October 30, 2003. URL `http://docserver.carma.newcastle.edu.au/272/`.

Borwein:2003:NNM

[Bor03-30] Jonathan M. Borwein. Nurturing new mathematicians: Some advice on advising. Presentation at Panel on Supervision, Project NexTMAC, CMS 2003 Summer Meeting, University of Alberta, Edmonton, Alberta., June 13, 2003.

Borwein:2003:OWL

[Bor03-31] Jonathan M. Borwein. Official WestGrid launch. Vancouver MC, NewMIC, Edmonton, Calgary, Ottawa., May 8, 2003.

Borwein:2003:DB

[Bor03-32] Jonathan M. Borwein. On David Borwein. In Michalos [Mic03], chapter 14, page ?? ISBN 0-920354-53-X. LCCN LA2321 .B47 2003.

Borwein:2003:OFV

[Bor03-33] Jonathan M. Borwein. A one function variational principle. Eighth Conference on Well-posedness and Stability of Optimization Problems, Marseilles, France, September 8–12., September 10, 2003.

Borwein:2003:TOQ

[Bor03-34] Jonathan M. Borwein. Three open questions. Special Session in Honour of Petar Kenderov's 60th Birthday, First Congress of the Mathematical Society of South East Europe (MASSEÉ), Bulgaria., September 17, 2003.

Borwein:2003:WDM

[Bor03-35] Jonathan M. Borwein. The world digital mathematics library. Special Session, First Congress of the Mathematical Society of South East Europe (MASSEÉ), Bulgaria., September 16, 2003.

Borwein:2004:ACGa

[Bor04a] Jonathan M. Borwein. Advanced collaboration and grid computation. Plenary Lecture, North American Knowledge Management Meeting, Phoenix, AZ, USA., January 6, 2004.

Borwein:2004:ACGb

[Bor04b] Jonathan M. Borwein. Advanced collaboration and grid computation. Seminar, Dalhousie Faculty of Computer Science, Halifax, NS, Canada., January 29, 2004.

Borwein:2004:ACGc

[Bor04c] Jonathan M. Borwein. Advanced collaboration and grid computation. Informal AARMS Workshop, Dalhousie Faculty of Computer Science, Halifax, NS, Canada., March 12, 2004.

Borwein:2004:ACEb

[Bor04d] Jonathan M. Borwein. Advanced collaborative environments. Colloquium, St Francis Xavier University, Antigonish, NS, Canada., October 1, 2004.

Borwein:2004:ACEa

[Bor04e] Jonathan M. Borwein. Advanced collaborative environments and the access grid. 4th European Math Congress, Stockholm, Sweden (delivered by Alf van der Poorten)., June 28, 2004.

Borwein:2004:ACCa

[Bor04f] Jonathan M. Borwein. Advanced computing in Canada. Presentations on the Long Range Plan for Advanced Computing in Canada to the CMS Development Group and to the Board, CMS Summer Meeting, Halifax, NS, Canada., June 13, 2004.

Borwein:2004:ACCb

[Bor04g] Jonathan M. Borwein. Advanced computing in Canada. Presentations on the Long Range Plan for HPC in Canada, University of Saskatchewan, Saskatoon, SK, Canada., November 4, 2004.

Borwein:2004:ACCc

[Bor04h] Jonathan M. Borwein. Advanced computing in Canada. Presentations on the Long Range Plan for HPC in Canada, University of Saskatchewan, Saskatoon, SK, Canada., November 5, 2004.

Borwein:2004:ASC

[Bor04i] Jonathan M. Borwein. Advanced scientific collaboration environments and the access grid. Computer Science Colloquium, University of Saskatchewan, Saskatoon, SK, Canada., November 4, 2004.

Borwein:2004:AGMb

[Bor04j] Jonathan M. Borwein. The Atlantic gateway to mathematics. First AGATE-M Annual Conference, Mount Allison University, Sackville, NB, Canada, December 3–4., December 4, 2004.

Borwein:2004:AGMc

[Bor04k] Jonathan M. Borwein. The Atlantic gateway to mathematics. Presentation to Nova Scotia Provincial Mathematics Team Meeting., December 16, 2004.

Borwein:2004:BSCa

[Bor04l] Jonathan M. Borwein. Bumps, slices and cusps. Plenary Lecture on Nonsmooth Analysis, First Franco–Canadian Math Meeting, Toulouse, France, July 12–15., July 15, 2004.

Borwein:2004:BSCb

[Bor04m] Jonathan M. Borwein. Bumps, slices and cusps. Sixth Midwest Optimization Seminar, Plenary Talk, Wayne State University, Detroit, MI, USA, September 11., September 11, 2004.

Borwein:2004:DBM

[Bor04n] Jonathan M. Borwein. David Borwein and me: a chronology. CMS Summer Meeting, Halifax, NS, Canada., June 14, 2004.

Borwein:2004:DMO

[Bor04o] Jonathan M. Borwein. Decomposition of monotone operators. Workshop on Control, Set-Valued Analysis and Applications University of French Antilles and Guyana, April 5–8., April 5, 2004.

Borwein:2004:ED

[Bor04p] Jonathan M. Borwein. Engines of discovery: The long range plan for HPC in Canada. Seminar, Dalhousie Faculty of Computer Science, Halifax, NS, Canada., November 8, 2004.

Borwein:2004:EMa

[Bor04q] Jonathan M. Borwein. Experimentation in mathematics. Graduate Seminar, Mathematics Department, Dalhousie University, Halifax, NS, Canada., January 28, 2004.

Borwein:2004:EMb

[Bor04r] Jonathan M. Borwein. Experimentation in mathematics. Opening Lecture, Workshop on Experimental Mathematics, Oakland, CA, USA, March 29–30., March 29, 2004.

Borwein:2004:EMc

[Bor04s] Jonathan M. Borwein. Experimentation in mathematics. Plenary Lecture, East Coast Computer Algebra Day, Wilfred Laurier University, Waterloo, ON N2L 3C5, Canada., May 8, 2004.

Borwein:2004:IEM

[Bor04t] Jonathan M. Borwein. Implications of experimental mathematics for the philosophy of mathematics. CMS Winter Meeting, Session on History of Mathematics, McGill University, Montreal, QC, Canada., December 12, 2004. URL `http://docserver.carma.newcastle.edu.au/280/`.

Borwein:2004:ME

[Bor04u] Jonathan M. Borwein. Mathematics by experiment. Opening Lecture, Discovery by Computer GERAD-DIMACS Workshop, Montreal, June 2–5., June 2, 2004.

Borwein:2004:MS

[Bor04v] Jonathan M. Borwein. Maximizing surprise. Informal AARMS Workshop, Dalhousie Faculty of Computer Science, Halifax, NS, Canada., March 11, 2004.

Borwein:2004:PRCb

[Bor04w] Jonathan M. Borwein. Plausible reasoning in the 21st century. Regular Lecture, ICME10, Copenhagen, Denmark, July 5–11., July 9, 2004.

Borwein:2004:PRCc

[Bor04x] Jonathan M. Borwein. Plausible reasoning in the 21st century. Colloquium, St Francis Xavier University, Antigonish, NS, Canada., October 1, 2004.

Borwein:2004:PRCd

[Bor04y] Jonathan M. Borwein. Plausible reasoning in the 21st century. Acadia Symposium on Modelling and Computation, Acadia University, Wolfville, NS B4P 2R6, Canada., October 4, 2004.

Borwein:2004:PRCe

[Bor04z] Jonathan M. Borwein. Plausible reasoning in the 21st century. Maritime Teachers Association, New Glasgow, NS, Canada., October 24, 2004.

Borwein:2004:PRCa

[Bor04-27] Jonathan M. Borwein. Plausible reasoning in the 21st century I & II. NSF Undergraduate Research Experience Lectures, Clemson University, Clemson, SC, USA., June 25, 2004.

Borwein:2004:RACc

[Bor04-28] Jonathan M. Borwein. Ramanujan's AGM continued fractions and dynamics. Workshop on Analytic and Computational Number Theory, August 23–27, Dalhousie University, Halifax, NS, Canada., August 27, 2004.

Borwein:2004:RACb

[Bor04-29] Jonathan M. Borwein. Ramanujan's AGM continued fractions and dynamics: the complex case. Analysis Seminar, Mathematics Department, Dalhousie University, Halifax, NS, Canada., March 10, 2004.

Borwein:2004:RACa

[Bor04-30] Jonathan M. Borwein. Ramanujan's AGM continued fractions and dynamics: the real case. Colloquium, Mathematics Department, Dalhousie University, Halifax, NS, Canada., March 4, 2004.

Borwein:2004:SFV

[Bor04-31] Jonathan M. Borwein. A single function variational principle and applications. Large Scale Nonlinear and Semidefinite Programming Workshop, University of Waterloo, ON, Canada, May 12–15., May 14, 2004.

Borwein:2004:SMA

[Bor04-32] Jonathan M. Borwein. Surprise maximization: Avoiding a paradox. Mathematics Colloquium, University of Saskatchewan, Saskatoon, SK, Canada., November 5, 2004.

Borwein:2004:WC

[Bor04-33] Jonathan M. Borwein. The work of the CEIC. Presentation to ICMI General Assembly, ICME10, Copenhagen, Denmark, July 5–11., July 9, 2004.

Borwein:2005:EMPa

[Bor05a] J. M. Borwein. The experimental mathematician: The pleasure of discovery and the role of proof. *International Journal of Computers for Mathematical Learning*, 10(2):75–108, May 2005. ISSN 1382-3892 (print), 1573-1766 (electronic). URL `http://docserver.carma.newcastle.edu.au/264/;http://link.springer.com/article/10.1007/s10758-005-5216-x;https://web.archive.org/web/20040330173752/`. Counterpart presentation published in CMESG25 Proceedings, 2002, with lecture slides at `http://www.cecm.sfu.ca/personal/jborwein/proof.pdf`.

Borwein:2005:TTC

[Bor05b] Jonathan M. Borwein. (2 times) ten challenge problems. Third Clifford Lecture, Tulane University, New Orleans, LA, USA., April 1, 2005.

Borwein:2005:GV

[Bor05c] Jonathan M. Borwein. 32 Goldbach variations. Analysis Seminar, Dalhousie University, Halifax, NS, Canada., November 18, 2005.

Borwein:2005:A

[Bor05d] Jonathan M. Borwein. Aarms. Presentation, Department of Math and Stats, Memorial University, St John's, NL, Canada., November 17, 2005.

Borwein:2005:AP

[Bor05e] Jonathan M. Borwein. "AARMS" presentation. Department of Math and Stats, University of New Brunswick, Fredericton, NB, Canada., November 1, 2005.

Borwein:2005:ATS

[Bor05f] Jonathan M. Borwein. Apéry-type series: a case study. Fourth Clifford Lecture, Tulane University, New Orleans, LA, USA., April 2, 2005.

Borwein:2005:BRS

[Bor05g] Jonathan M. Borwein. Book review: *The SIAM 100-Digit challenge: a study in high-accuracy numerical computing*, Folkmar Bornemann, Dirk Laurie, Stan Wagon, and JSrg Waldvogel, SIAM, Philadelphia, PA, USA 2004, xil + 306 pp. softcover, ISBN 0-89871 561-X, US$57.00. *The Mathematical Intelligencer*, 27(4): 40–48, 2005. CODEN MAINDC. ISSN 0343-6993 (print), 1866-7414 (electronic).

Borwein:2005:CLC

[Bor05h] Jonathan M. Borwein. Computational lists and challenges in mathematics? Applied and Computational Mathematics Seminar, Dalhousie University, Halifax, NS, Canada., October 28, 2005.

Borwein:2005:DC

[Bor05i] Jonathan M. Borwein. The digital congress. Site visit presentation, Canadian bid to hold ICM 2010 in Montreal, QC, Canada., April 20, 2005.

Borwein:2005:DSC

[Bor05j] Jonathan M. Borwein. Dynamics of some continued fractions originating with Ramanujan. Special Session on Dynamical Systems, Combined Mathematics Meetings, Atlanta, GA, USA., January 6, 2005.

Borwein:2005:EMW

[Bor05k] Jonathan M. Borwein. East meets West: Collaboration goes national. Delivered over the Access Grid to the opening of IRMACS at Simon Fraser University, Burnaby, BC, Canada., April 8, 2005.

Borwein:2005:EDLa

[Bor05l] Jonathan M. Borwein. Engines of discovery: the long range plan for HPC in Canada. Presentation to HPCS05, May 15–18, 2005., May 17, 2005.

Borwein:2005:EDLb

[Bor05m] Jonathan M. Borwein. Engines of discovery: the long range plan for HPC in Canada. Presentation to ACOA, Halifax, NS., May 27, 2005.

Borwein:2005:EDLc

[Bor05n] Jonathan M. Borwein. Engines of discovery: the long range plan for HPC in Canada. Presentation to NSERC Executive VP, Ottawa, ON, Canada., May 31, 2005.

Borwein:2005:EDLd

[Bor05o] Jonathan M. Borwein. Engines of discovery: the long range plan for HPC in Canada. Presentation to NRC President, Ottawa., May 27, 2005.

Borwein:2005:EDLe

[Bor05p] Jonathan M. Borwein. Engines of discovery: the long range plan for HPC in Canada. Presentation to Industry Canada, Ottawa, ON, Canada., August 15, 2005.

Borwein:2005:EMPb

[Bor05q] Jonathan M. Borwein. Experimental mathematics and its philosophical implications. Colloquium, Australian Mathematical Sciences Institute, Melbourne, VIC, Australia., October 5, 2005.

Borwein:2005:EMPc

[Bor05r] Jonathan M. Borwein. Experimental mathematics and its philosophical implications. Colloquium, Dias Abertos, University of Porto, Porto, Portugal., November 26, 2005.

Borwein:2005:FH

[Bor05s] Jonathan M. Borwein. The future is here? Presentation to National Educational Forum, Fields Institute, Toronto, ON M5T 3J1, Canada, May 6–8., May 6, 2005.

Borwein:2005:HPMa

[Bor05t] Jonathan M. Borwein. High performance mathematics. First Plenary, HPCS05, Guelph, ON, Canada, May 15–18, 2005., May 16, 2005.

Borwein:2005:HPMb

[Bor05u] Jonathan M. Borwein. High performance mathematics. Presentation to HPC@Dal, Dalhousie University, Halifax, NS, Canada., June 10, 2005.

Borwein:2005:HPMc

[Bor05v] Jonathan M. Borwein. High performance mathematics. Presentation to Media Light Paths project 'kick off', June 10, 2005., June 10, 2005.

Borwein:2005:HPMd

[Bor05w] Jonathan M. Borwein. High performance mathematics. Plenary Lecture, Ontario R&E Summit, Toronto, ON, Canada, June 13–14, 2005., June 14, 2005.

Borwein:2005:HIW

[Bor05x] Jonathan M. Borwein. Hilbert's inequality and Witten's zeta. Trans Canada Computational Science Seminar., August 25, 2005.

Borwein:2005:LPa

[Bor05y] Jonathan M. Borwein. The life of pi. Colloquium: University of Melbourne, Melbourne, VIC, Australia., October 3, 2005.

Borwein:2005:LPb

[Bor05z] Jonathan M. Borwein. The life of pi. Colloquium: La Trobe University, Melbourne, VIC, Australia., October 4, 2005.

Borwein:2005:LCM

[Bor05-27] Jonathan M. Borwein. Lists and challenges in mathematics? Colloquium, Mathematics Department, Rutgers, the State University of New Jersey., November 10, 2005.

Borwein:2005:LGC

[Bor05-28] Jonathan M. Borwein. The LRP, grid computing and ACE's. Dalhousie Senate Computing and Information Technology Planning Committee (SCITPC) Presentation, Halifax, NS, Canada., March 2, 2005.

Borwein:2005:MEa

[Bor05-29] Jonathan M. Borwein. Mathematics by experiment. Dalhousie Math Circles — for High Schools, Halifax, NS, Canada., March 3, 2005.

Borwein:2005:MEb

[Bor05-30] Jonathan M. Borwein. Mathematics by experiment, I. First Clifford Lecture, Tulane University, New Orleans, LA, USA., March 31, 2005.

Borwein:2005:MEI

[Bor05-31] Jonathan M. Borwein. Mathematics by experiment, II. Second Clifford Lecture, Tulane University, New Orleans, LA, USA., April 1, 2005.

Borwein:2005:MS

[Bor05-32] Jonathan M. Borwein. Maximizing surprise. Seminar, University of Aviero, Centre for Studies on Optimization and Control, Aveiro, Portugal., November 25, 2005.

Borwein:2005:MEM

[Bor05-33] Jonathan M. Borwein. Maximum entropy methods and (non-) convex programming. Special Session on Nonsmooth Analysis and Imaging, Combined Mathematics Meetings, Atlanta, GA, USA., January 7, 2005.

Borwein:2005:MOCa

[Bor05-34] Jonathan M. Borwein. Monotone operators as convex objects. 6th Stability Workshop, Borevetz, Bulgaria, September 5–9., September 8, 2005.

Borwein:2005:MOCb

[Bor05-35] Jonathan M. Borwein. Monotone operators as convex objects. Keynote talk, Fitzpatrick Memorial Meeting, Perth, WA, Australia, September 25th., September 25, 2005.

Borwein:2005:MOCc

[Bor05-36] Jonathan M. Borwein. Monotone operators as convex objects. Keynote Address, 6th Midwest Optimization Meeting, Kalamazoo, MI, USA., October 14, 2005.

Borwein:2005:MOCd

[Bor05-37] Jonathan M. Borwein. Monotone operators as convex objects. Colloquium, University of Lisbon, Lisbon, Portugal., November 23, 2005.

Borwein:2005:PIEa

[Bor05-38] Jonathan M. Borwein. Philosophical implication of experimental (computational) mathematics. Philosophy of Mathematics, Invited Presentation, MAA, Atlanta, GA, USA., January 7, 2005.

Borwein:2005:PIEb

[Bor05-39] Jonathan M. Borwein. Philosophical implication of experimental (computational) mathematics. Honours Seminar, Mathematics Department, Dalhousie University, Halifax, NS, Canada., January 26, 2005.

Borwein:2005:RB

[Bor05-40] Jonathan M. Borwein. Reality bytes. Joint German-Austrian-AMS Meeting, Mainz, Germany, June 16–19, 2005. (Given by Martin Groetschel)., June 16, 2005.

Borwein:2005:SEC

[Bor05-41] Jonathan M. Borwein. Symbolic and experimental computation. Shad Valley Afternoon in D-DRIVE., July 12, 2005.

Borwein:2005:VOMa

[Bor05-42] Jonathan M. Borwein. Visualisation and other mathematical learning tools. TransCanada Computational Science Seminar., September 13, 2005.

Borwein:2005:VOMb

[Bor05-43] Jonathan M. Borwein. Visualisation and other mathematical learning tools. Lecture to Teachers, Australian Math Society Meetings, Perth, WA, Australia, September 26–30th., September 28, 2005.

Borwein:2005:VOMc

[Bor05-44] Jonathan M. Borwein. Visualisation and other mathematical learning tools. Dalhousie Math Circles–for High Schools., November 15, 2005.

Borwein:2005:VOT

[Bor05-45] Jonathan M. Borwein. Visualization and other tools for mathematics. Colloquium, Statistics and Operations Research Department, University of North Carolina., November 9, 2005.

Borwein:2005:WDD

[Bor05-46] Jonathan M. Borwein. What is D-DRIVE? Exhibit and presentation, Dymaxion Exchange, Halifax, NS, Canada., April 27, 2005.

Borwein:2005:WHPa

[Bor05-47] Jonathan M. Borwein. What is high performance mathematics. Shad Valley Colloquium., July 19, 2005.

Borwein:2005:WHPb

[Bor05-48] Jonathan M. Borwein. What is high performance mathematics. First Plenary Lecture, Australian Math Society Meetings, Perth, WA, Australia, September 26–30th., September 26, 2005.

Borwein:2005:WHPc

[Bor05-49] Jonathan M. Borwein. What is high performance mathematics? Colloquium, Department of Math and Stats, Western Michigan University, Kalamazoo, MI, USA., October 13, 2005.

Borwein:2005:WHPd

[Bor05-50] Jonathan M. Borwein. What is high performance mathematics? Colloquium, Department of Math and Stats, University of New Brunswick, Fredericton., November 1, 2005.

Borwein:2005:WHPe

[Bor05-51] Jonathan M. Borwein. What is high performance mathematics. Colloquium, University of Aviero, Aveiro, Portugal., November 25, 2005.

Borwein:2005:WHPf

[Bor05-52] Jonathan M. Borwein. What is high performance mathematics? Colloquium, University of Lisbon, Lisbon, Portugal., November 28, 2005.

Borwein:2006:SFM

[Bor06a] Jonathan Borwein. Simon Fitzpatrick memorial volume. *Journal of Convex Analysis*, 13(3–4):463–476, 2006. ISSN 0944-6532 (print), 2363-6394 (electronic). URL `http://www.heldermann.de/JCA/JCA13/JCA133/jca13040.htm`. Introduction to Fitzpatrick memorial volume.

Borwein:2006:ACEb

[Bor06b] Jonathan M. Borwein. Advanced collaborative environments. Symposium on the Computer: the once and future medium for the social sciences and humanities, York University, Toronto, ON, Canada, May 30., May 30, 2006.

Borwein:2006:ACEc

[Bor06c] Jonathan M. Borwein. Advanced collaborative environments. Presentation to Canadian International Olympiad Team, Dalhousie University, Halifax, NS, Canada., June 28, 2006.

Borwein:2006:ACEa

[Bor06d] Jonathan M. Borwein. Advanced collaborative environments and tools. Workshop on Intelligent Computing, Dalhousie, March 6–7, 2006., March 6, 2006.

Borwein:2006:AWM

[Bor06e] Jonathan M. Borwein. Aesthetics for the working mathematician. In N. Sinclair and W. Higginson, editors, *Mathematics and the aesthetic*, volume 25 of *CMS Books Math./Ouvrages Math. SMC*, pages 21–40. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2006. URL `http://docserver.carma.newcastle.edu.au/150/`.

Borwein:2006:BP

[Bor06f] Jonathan M. Borwein. Backing up the planet. Interview on Quirks and Quarks, CBC Radio One., November 25, 2006.

Borwein:2006:CE

[Bor06g] Jonathan M. Borwein. Collaborative environments. Panel Discussion HPCS 06, Memorial University, St John's, NL, Canada., May 17, 2006.

Borwein:2006:CAD

[Bor06h] Jonathan M. Borwein. Computer-assisted discovery and proof of generating functions for zeta functions. Atlantic Analysis Days, January 20–21, Dalhousie University, Halifax, NS, Canada., January 21, 2006.

Borwein:2006:DSC

[Bor06i] Jonathan M. Borwein. Dynamics of some continued fractions originating with Ramanujan. Number Theory Seminar, University of Waterloo, Waterloo, ON, Canada., January 31, 2006.

Borwein:2006:EEBa

[Bor06j] Jonathan M. Borwein. Effective error bounds for Euler–Maclaurin-based quadrature schemes. HPCS 06, Memorial University, St John's, NL, Canada., May 16, 2006. URL http://docserver.carma.newcastle.edu.au/297/.

Borwein:2006:EEBb

[Bor06k] Jonathan M. Borwein. Effective error bounds for Euler–Maclaurin-based quadrature schemes. Computer Science Seminar, University of Saskatchewan, Saskatoon, SK, Canada., May 26, 2006. URL http://docserver.carma.newcastle.edu.au/297/.

Borwein:2006:ED

[Bor06l] Jonathan M. Borwein. Engines of discovery: the long range plan for HPC in Canada. Presentation to NSERC President and Senior Administrators, Ottawa., April 12, 2006.

Borwein:2006:EMEa

[Bor06m] Jonathan M. Borwein. Experimental math and extreme quadrature, I. Analysis Seminar, D-DRIVE, Dalhousie University, Halifax, NS, Canada., October 25, 2006.

Borwein:2006:EMEb

[Bor06n] Jonathan M. Borwein. Experimental math and extreme quadrature, II. Analysis Seminar, D-DRIVE, Dalhousie University, Halifax, NS, Canada., November 1, 2006.

Borwein:2006:FRO

[Bor06o] Jonathan M. Borwein. Featured review: *Oxford Users' Guide to Mathematics*. Edited by Eberhard Zeidler. Oxford University Press, Oxford, 2004. $59.50. xxii + 1285 pp., softcover. ISBN 0-19-850763-1. *SIAM Review*, 48(3):585–594, September 2006. CODEN SIREAD. ISSN 0036-1445 (print), 1095-7200 (electronic). URL http://epubs.siam.org/doi/abs/10.1137/SIREAD000048000003000585000001;https://www.jstor.org/stable/20453842.

Borwein:2006:FLb

[Bor06p] Jonathan M. Borwein. Final lecture. MAA Shortcourse on Experimental Mathematics, San Antonio, TX, USA., January 11, 2006.

Borwein:2006:FLa

[Bor06q] Jonathan M. Borwein. First lecture. MAA Shortcourse on Experimental Mathematics, San Antonio, TX, USA., January 10, 2006.

Borwein:2006:FLVa

[Bor06r] Jonathan M. Borwein. Four lectures on variational principles. I: Bumps, cusps and slices. Spring School on Analysis, Paseky, Czech Republic., April 24, 2006.

Borwein:2006:FLVb

[Bor06s] Jonathan M. Borwein. Four lectures on variational principles. II: Monotone operators as convex objects. Spring School on Analysis, Paseky, Czech Republic, April 25, 2006.

Borwein:2006:FLVc

[Bor06t] Jonathan M. Borwein. Four lectures on variational principles. III: Decompositions of monotone operators. Spring School on Analysis, Paseky, Czech Republic, April 26, 2006.

Borwein:2006:FLVd

[Bor06u] Jonathan M. Borwein. Four lectures on variational principles. IV: Chebyshev sets and proximality. Spring School on Analysis, Paseky, Czech Republic., April 28, 2006.

Borwein:2006:HPMb

[Bor06v] Jonathan M. Borwein. High performance mathematics and its management. Colloquium, Information Technology Laboratory, NIST, Washington, DC, USA., June 16, 2006.

Borwein:2006:HPMc

[Bor06w] Jonathan M. Borwein. High performance mathematics and its management. Colloquium, Department of Math and Stats, York University, Toronto, ON, Canada., November 27, 2006.

Borwein:2006:HPMd

[Bor06x] Jonathan M. Borwein. High performance mathematics and its management. Colloquium, AMSI Access Grid Conference, La Trobe University, Melbourne, VIC, Australia (given over Access Grid)., December 3, 2006.

Borwein:2006:HPMe

[Bor06y] Jonathan M. Borwein. High performance mathematics and its management. IMA Hot Topics Workshop, The Evolution of Mathematical Communication in the Age of Digital Libraries, December 8–9., December 8, 2006.

Borwein:2006:HPMa

[Bor06z] Jonathan M. Borwein. High performance mathematics in Maple. Seminar, MapleSoft, Waterloo, Waterloo, ON, Canada., March 24, 2006.

Borwein:2006:LP

[Bor06-27] Jonathan M. Borwein. Life of pi. Colloquium, Mona Campus, University of the West Indies, Kingston, Jamaica., March 13, 2006.

Borwein:2006:LRP

[Bor06-28] Jonathan M. Borwein. The long-range plan for advanced computing in Canada. Presentation to Petter Nicholson, President Council of Canadian Academies (CCA), Ottawa, ON, Canada., September 28, 2006.

Borwein:2006:MPR

[Bor06-29] Jonathan M. Borwein. Mathematics and plausible reasoning. ISM, Graduate Student Conference, Laval, QC, Canada. May 23–25, 2006., May 24, 2006.

Borwein:2006:MMC

[Bor06-30] Jonathan M. Borwein. Maximal monotonicity via convex analysis. *Journal of Convex Analysis*, 13(3–4):561–586, 2006. ISSN 0944-6532 (print), 2363-6394 (electronic). URL `http://docserver.carma.newcastle.edu.au/1235/;http://www.heldermann.de/JCA/JCA13/JCA133/jca13045.htm`.

Borwein:2006:MSM

[Bor06-31] Jonathan M. Borwein. Maximality of sums of monotone operators. Special Session on Functional Analysis., December 10, 2006.

Borwein:2006:MST

[Bor06-32] Jonathan M. Borwein. Maximality of sums of two maximal monotone operators. *Proceedings of the American Mathematical Society*, 134(10):2951–2955, 2006. CODEN PAMYAR. ISSN 0002-9939 (print), 1088-6826 (electronic). URL `http://docserver.carma.newcastle.edu.au/1234/;https://www.jstor.org/stable/4098152`.

Borwein:2006:MEM

[Bor06-33] Jonathan M. Borwein. Maximum entropy methods and (non-) convex programming. Plenary talk Atlantic Optimization Days, Fredericton, NB, Canada, Oct 5–6., October 5, 2006.

Borwein:2006:MOCa

[Bor06-34] Jonathan M. Borwein. Monotone operators as convex objects. Optimization Seminar, University of Waterloo, Waterloo, ON, Canada., January 30, 2006.

Borwein:2006:MOCb

[Bor06-35] Jonathan M. Borwein. Monotone operators as convex objects. Plenary Lecture, Mathematics of Optimization and Decision, Guadeloupe, April 18–21, 2006., April 19, 2006.

Borwein:2006:NDT

[Bor06-36] Jonathan M. Borwein. Notes from, the digital trenches: the work of the CEIC. C2C Seminar, from D-DRIVE., October 10, 2006.

Borwein:2006:WHPa

[Bor06-37] Jonathan M. Borwein. What is high performance mathematics? Colloquium, University of Waterloo, Waterloo, ON, Canada., January 30, 2006.

Borwein:2006:WHPb

[Bor06-38] Jonathan M. Borwein. What is high performance mathematics? Mathematics Colloquium, Acadia University, Wolfville, NS B4P 2R6, Canada., March 3, 2006.

Borwein:2006:WHPc

[Bor06-39] Jonathan M. Borwein. What is high performance mathematics? Colloquium, Spring School on Analysis, Paseky, Czech Republic., April 26, 2006.

Borwein:2007:APP

[Bor07a] Jonathan M. Borwein. AARMS: Past, present and future. Colloquium, Department of Math and Stats, Dalhousie University, Halifax, NS, Canada., February 5, 2007.

Borwein:2007:ADMb

[Bor07b] Jonathan M. Borwein. Asplund decompositions of monotone operators. In Alain Pietrus and Michel H. Geoffroy, editors, *CSVAA 2004—control set-valued analysis and applications, ESAIM: Proceedings*, volume 17 of *ESAIM Proc.*, pages 19–25. EDP Sci., Les

Ulis, France, 2007. URL http://docserver.carma.newcastle.edu.au/299/.

Borwein:2007:BLS

[Bor07c] Jonathan M. Borwein. The book of Lawrence: a serious satire. Presentation, Halifax Unitarian Universalist Assembly, Halifax, NS, Canada., February 4, 2007.

Borwein:2007:CSF

[Bor07d] Jonathan M. Borwein. The C2C seminar: Five years of experience with the Access Grid. HPCS07, University of Manitoba, Winnipeg, MB, Canada., May 13–16, 2007.

Borwein:2007:CDS

[Bor07e] Jonathan M. Borwein. A class of Dirichlet series integrals. *American Mathematical Monthly*, 114(1):70–76, January 2007. CODEN AMMYAE. ISSN 0002-9890 (print), 1930-0972 (electronic). URL http://docserver.carma.newcastle.edu.au/262/;https://www.jstor.org/stable/27642121.

Borwein:2007:CTH

[Bor07f] Jonathan M. Borwein. Collaborative technology: High performance mathematics and its management. AARMS/ACENet/MITAC Summer Workshop on High Performance Computing in the Mathematical Sciences, Acadia University, Wolfville, NS, July 9–12., July 12, 2007.

Borwein:2007:CAD

[Bor07g] Jonathan M. Borwein. Computer-assisted discovery and proof of generating functions for Riemann's zeta. First Lecture, MAA Special Session on Experimental Mathematics., January 5, 2007.

Borwein:2007:ECB

[Bor07h] Jonathan M. Borwein. Effective computation of Bessel functions. 8th Bluenose Numerical Analysis Days, St Marys University, Halifax, NS, Canada., July 27, 2007.

Borwein:2007:ELAb

[Bor07i] Jonathan M. Borwein. Effective Laguerre asymptotics, I. Dalhousie Analysis Seminar, Dalhousie University, Halifax, NS, Canada., January 30, 2007.

Borwein:2007:ELAc

[Bor07j] Jonathan M. Borwein. Effective Laguerre asymptotics, II. Dalhousie Analysis Seminar, Dalhousie University, Halifax, NS, Canada., February 14, 2007.

Borwein:2007:EDPb

[Bor07k] Jonathan M. Borwein. Experimental discovery and proof of generating functions. Special session on Algorithmic Challenges in Polynomial and Linear Algebra CMS Winter Meeting, University of Western Ontario, London, ON, Canada., December 9, 2007.

Borwein:2007:EDPa

[Bor07l] Jonathan M. Borwein. Experimental discovery and proof of identities. Chaitin 60th Birthday Symposium, IBM Watson Centre, Yorktown, NY, USA., November 15, 2007.

Borwein:2007:EMA

[Bor07m] Jonathan M. Borwein. Experimental mathematics in action. Carleton College, Northfield, MN., July 16–20, 2007. URL `http://docserver.carma.newcastle.edu.au/1733/`.

Borwein:2007:EMV

[Bor07n] Jonathan M. Borwein. Experimental mathematics with variational applications. ICCOPT 2007, McMaster University, Hamilton, ON, Canada., August 11, 2007.

Borwein:2007:FFS

[Bor07o] Jonathan M. Borwein. Finding funding in the sciences. Interdisciplinary PhD Presentation, Dalhousie University, Halifax, NS, Canada., March 29, 2007.

Borwein:2007:IWW

[Bor07p] Jonathan M. Borwein. Interdisciplinarity: what works, what doesn't. Colloquium, University of Newcastle, Newcastle, NSW, Australia., October 23, 2007.

Borwein:2007:IRW

[Bor07q] Jonathan M. Borwein. Interdisciplinary research: What works, what doesn't. Keynote address, 2007 Faculty Research Day, Dalhousie Faculty of Management, Dalhousie University, Halifax, NS, Canada., June 12, 2007.

Borwein:2007:IEMa

[Bor07r] Jonathan M. Borwein. Introduction to experimental mathematics. Honours Seminar, Dalhousie Mathematics Department., September 19, 2007.

Borwein:2007:IEMb

[Bor07s] Jonathan M. Borwein. Introduction to experimental mathematics. Colloquium, Okanagan Community College, Kelowna, BC, Canada., September 26, 2007.

Borwein:2007:IEMc

[Bor07t] Jonathan M. Borwein. Introduction to experimental mathematics: Insight through computation. Interdisciplinary Colloquium, IRMACS, Simon Fraser University, Burnaby, BC, Canada., September 28, 2007.

Borwein:2007:IEMd

[Bor07u] Jonathan M. Borwein. Introduction to experimental mathematics: Insight through computation. Applied Mathematics Colloquium, Cornell University, Ithaca, NY, USA., November 16, 2007.

Borwein:2007:LPT

[Bor07v] Jonathan M. Borwein. The life of pi — a talk for pi day. Analysis Seminar, Dalhousie University, Halifax, NS, Canada., March 14, 2007.

Borwein:2007:MWN

[Bor07w] Jonathan M. Borwein. Math: What's new, what's possible, what's coming? Talks to Grade nine and ten students at AB Lucas Secondary School, London, ON, Canada., December 12, 2007.

Borwein:2007:MST

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Borwein:2007:SS

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Borwein:2007:SCR

[Bor07-27] Jonathan M. Borwein. Some convexity results a Jon or a Thompson might like. 65th Birthday Colloquium lecture for Jon Thompson, (Inter-Campus Seminar Day), University of New Brunswick, Moncton, NB, Canada., June 8, 2007.

Borwein:2007:SMFa

[Bor07-28] Jonathan M. Borwein. Some of my favourite convexity results. OCANA Seminar, Department of Mathematics, Statistics and Physics, UBCO, Kelowna, BC., September 27, 2007.

Borwein:2007:SMFb

[Bor07-29] Jonathan M. Borwein. Some of my favourite convexity results. Math Colloquium, University of Newcastle, Newcastle, NSW, Australia., October 25, 2007.

Borwein:2007:SMFc

[Bor07-30] Jonathan M. Borwein. Some of my favourite convexity results. Applied Nonlinear Optimization Day, CORS and Ddrive, Dalhousie University, Halifax, NS, Canada., November 19, 2007.

Borwein:2007:TCR

[Bor07-31] Jonathan M. Borwein. Three convexity results. Second Annual AARMS Analysis Days, in honour of Tony Thompson, Dalhousie University, Halifax, NS, Canada, March 30–31., March 30, 2007.

Borwein:2007:WNW

[Bor07-32] Jonathan M. Borwein. What's new, what's possible, what's coming? Dalhousie Open House, Dalhousie FCS, Halifax, NS, Canada., February 10, 2007.

Borwein:2008:VPG

[Bor08a] J. M. Borwein. La vita di pi greco. (Italian) [The life of Greek pi]. In ????, editor, *Mathematics and Culture, La matematica: Problemi e teoremi*, page ?? Guilio Einaudi Editori, Turino, Italy, 2008. ISBN ???? LCCN ???? URL `http://www.carma.newcastle.edu.au/~jb616/pi-2010.pdf`.

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Borwein:2008:CCI

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Borwein:2008:CADa

[Bor08d] Jonathan M. Borwein. Computer-assisted discovery and proof. Colloquium, Department of Mathematics and Statistics, University of Melbourne, Melbourne, VIC, Australia., September 30, 2008. URL http://docserver.carma.newcastle.edu.au/338/.

Borwein:2008:CADb

[Bor08e] Jonathan M. Borwein. Computer-assisted discovery and proof: Part I. Colloquium, Department of Mathematics, Australian National University, Canberra, ACT, Australia., November 13, 2008.

Borwein:2008:CADc

[Bor08f] Jonathan M. Borwein. Computer-assisted discovery and proof: Part II. Colloquium, Department of Mathematics, Australian National University, Canberra, ACT, Australia., November 14, 2008.

Borwein:2008:DAD

[Bor08g] Jonathan M. Borwein. Digitally-assisted discovery and proof. Invited lecture in Special Session on University Mathematics Education, Teaching and Learning, 7th NZ-AustMS Joint Meeting, ANZMC2008, Christchurch, New Zealand, December 8–12., December 11, 2008. URL http://docserver.carma.newcastle.edu.au/390/.

Borwein:2008:ECB

[Bor08h] Jonathan M. Borwein. Effective computation of Bessel functions. SIAM-AMS Special Session on Special Functions, Combined Membership Meetings, San Diego, CA, USA, Jan 6–9, 2008., January 6, 2008.

Borwein:2008:FCVa

[Bor08i] Jonathan M. Borwein. Future challenges for variational analysis. Plenary Lecture (presented by Andrew Eberhard), Conference on Variational Analysis and Nonlinear Optimization, National Sun-Yat-Sen University, Kaohsiung, Taiwan, November 28–30., November 29, 2008. URL `http://docserver.carma.newcastle.edu.au/396/`.

Borwein:2008:FCVb

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Borwein:2008:LPTb

[Bor08m] Jonathan M. Borwein. Life of pi: a talk for pi day. IRMACS Access Grid Colloquium, Simon Fraser University, Burnaby, BC, Canada, Canada., March 15, 2008.

Borwein:2008:MWNa

[Bor08n] Jonathan M. Borwein. Math: What's new, what's possible, what's coming? ICE-EM/ICE day from Victoria University, Melbourne VIC 3000, Australia, presented from Wollongong Access Grid Room., August 13, 2008.

Borwein:2008:MWNb

[Bor08o] Jonathan M. Borwein. Math: What's new, what's possible, what's coming? Colloquium, Department of Mathematical Sciences, RMIT, Melbourne, VIC, Australia., October 1, 2008.

Borwein:2008:MEMb

[Bor08p] Jonathan M. Borwein. Maximum entropy methods for inverse problems. Colloquium, Department of Mathematical Sciences, RMIT, Melbourne, VIC, Australia., September 29, 2008.

Borwein:2008:MEMa

[Bor08q] Jonathan M. Borwein. My experiences with mathematical software. Seminar, Department of Mathematics, University of Newcastle, Newcastle, NSW, Australia., August 20, 2008.

Borwein:2008:PYM

[Bor08r] Jonathan M. Borwein. The past 60 years in mathematics. Colloquium, Department of Mathematics, University of Auckland, Auckland, New Zealand., December 4, 2008.

Borwein:2008:PBR

[Bor08s] Jonathan M. Borwein. Peter Borwein revisited: A brother's retrospective. IRMACS Conference celebrating Peter Borwein's 55th Birthday, Simon Fraser University, Burnaby, BY, Canada, May 12–16, 2008., May 14, 2008.

Borwein:2008:PCS

[Bor08t] Jonathan M. Borwein. Proximality and Chebyshev sets. Analysis Seminar, University of Newcastle, Newcastle, NSW, Australia., July 3, 2008. URL `http://docserver.carma.newcastle.edu.au/323/`.

Borwein:2008:SMF

[Bor08u] Jonathan M. Borwein. Some of my favourite convex functions. NZIMA Plenary Lecture, 7th NZ-AustMS Joint Meeting, ANZMC2008, Christchurch, New Zealand, December 8–12., December 9, 2008.

Borwein:2008:U

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Borwein:2009:DAD

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Borwein:2009:CCE

[Bor09d] Jonathan M. Borwein. The computer as crucible: The end of theory? Second Annual Rubinov Memorial Lecture, University of Ballarat, VIC, Australia., November 9, 2009.

Borwein:2009:DAMa

[Bor09e] Jonathan M. Borwein. Digitally-assisted mathematical discovery and proof. CARMA Colloquium, University of Newcastle, Newcastle, NSW, Australia., May 7, 2009.

Borwein:2009:DAMb

[Bor09f] Jonathan M. Borwein. Digitally-assisted mathematical discovery and proof. Plenary address, ICMI Study 19., May 11, 2009.

Borwein:2009:DAMc

[Bor09g] Jonathan M. Borwein. Digitally-assisted mathematical discovery and proof. Responses to Plenary address, ICMI Study 19., May 14, 2009.

Borwein:2009:EECa

[Bor09h] Jonathan M. Borwein. Exploratory experimentation and computation. Colloquium, Mathematics Dept, University of Victoria, BC, Canada., September 15, 2009. URL `http://docserver.carma.newcastle.edu.au/1396/`.

Borwein:2009:EECb

[Bor09i] Jonathan M. Borwein. Exploratory experimentation and computation. Plenary lecture Fields–IRMACS Workshop on Discovery and Experiment in Number Theory, Simon Fraser University, Burnaby, BC, Canada and Toronto, ON, Canada, September 22–26., September 23, 2009. URL http://docserver.carma.newcastle.edu.au/1396/.

Borwein:2009:FYMa

[Bor09j] Jonathan M. Borwein. Fifty years of maximal monotonicity. Plenary lecture for Optimization Theory and Methods Special Session, 53rd Annual Australian Mathematical Society Meetings, University of South Australia, Adelaide SA 5001, Australia, Sept 28-Oct 1., September 29, 2009. URL http://docserver.carma.newcastle.edu.au/1221/.

Borwein:2009:FYMb

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Borwein:2009:FVA

[Bor09l] Jonathan M. Borwein. The future of variational analysis. Keynote Lecture, Special session on Convex and nonlinear analysis, CMS Winter Meeting, Windsor, ON, Canada, Dec. 5–7., December 6, 2009.

Borwein:2009:HIW

[Bor09m] Jonathan M. Borwein. Hilbert inequalities and Witten zeta functions. AMSI-SIGopt Seminar. Delivered to RMIT and USA from Newcastle, NSW, Australia., August 20, 2009.

Borwein:2009:HMS

[Bor09n] Jonathan M. Borwein. How to maximize surprise. AMSI-SIGopt Seminar. Delivered to RMIT and USA from Newcastle, NSW, Australia., June 25, 2009.

Borwein:2009:ICM

[Bor09o] Jonathan M. Borwein. Innovation and creativity or managing a research portfolio? Keynote Address, Annual Research Day, University of Ballarat, Ballarat, VIC, Australia., November 11, 2009.

Borwein:2009:IRA

[Bor09p] Jonathan M. Borwein. Integer relation algorithms, I. CARMA Number Theory Seminar., November 29, 2009.

Borwein:2009:IRM

[Bor09q] Jonathan M. Borwein. Integer relation methods: an introduction. Special Session on Scientific Computation, First Pacific Rim Conference on Mathematics and Applications (PRIMA), University of New South Wales, Sydney, NSW, Australia, July 6–10, 2009., July 9, 2009.

Borwein:2009:IMC

[Bor09r] Jonathan M. Borwein. International mathematics in the 21st century. Minisymposium in honour of Phil Broadbridge's retirement as Director of AMSI, University of Melbourne, Melbourne, VIC, Australia, June 15., June 15, 2009.

Borwein:2009:IC

[Bor09s] Jonathan M. Borwein. Introduction to CARMA. Presentation to students from Dungog High School in CARMA., August 11, 2009.

Borwein:2009:ISC

[Bor09t] Jonathan M. Borwein. Inverse symbolic computation: Symbols from numbers. Education Afternoon, 53rd Annual Australian Mathematical Society Meetings, University of South Australia, Adelaide SA 5001, Australia, Sept 28-Oct 1., September 29, 2009.

Borwein:2009:MME

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[Bor09v] Jonathan M. Borwein. Maximum entropy and projection methods for inverse problems. CARMA Colloquium, University of Newcastle, Newcastle, NSW, Australia, February 12, 2009.

Borwein:2009:PRCa

[Bor09w] Jonathan M. Borwein. Prospects for remote collaboration. IRMACS Retreat on Remote Collaboration, April 24–25, Simon Fraser University, Burnaby, BC, Canada. Delivered from Newcastle, NSW, Australia., April 25, 2009.

Borwein:2009:PRCb

[Bor09x] Jonathan M. Borwein. Prospects for remote collaboration. First AMSI-SIGopt Seminar. Delivered to RMIT and USA from Newcastle, NSW, Australia., April 30, 2009.

Borwein:2009:PM

[Bor09y] Jonathan M. Borwein. The psychology of mathematics. Math Drudge, November 15, 2009. URL `https://experimentalmath.info/blog/2009/11/192/`.

Borwein:2009:SDC

[Bor09z] Jonathan M. Borwein. The SIAM 100 Digits Challenge: a story of modern numerical analysis. CARMA Colloquium, University of Newcastle, Newcastle, NSW, Australia., May 28, 2009.

Borwein:2009:TLVe

[Bor09-27] Jonathan M. Borwein. Ten lectures on variational approaches to minimization problems: Algebraic reconstruction methods and interactive geometry (and a final lecture on surprise). IMA 2009 Summer Program for Graduate Students on The Mathematics of Inverse Problems, University of Delaware, Newark, DE, USA., July 3, 2009.

Borwein:2009:TLVb

[Bor09-28] Jonathan M. Borwein. Ten lectures on variational approaches to minimization problems: Convex duality and applications. IMA 2009 Summer Program for Graduate Students on The Mathematics of Inverse Problems, University of Delaware, Newark, DE, USA., June 30, 2009.

Borwein:2009:TLVd

[Bor09-29] Jonathan M. Borwein. Ten lectures on variational approaches to minimization problems: Monotone and nonexpansive maps: algorithms and convergence. IMA 2009 Summer Program for Graduate Students on The Mathematics of Inverse Problems, University of Delaware, Newark, DE, USA., July 2, 2009.

Borwein:2009:TLVa

[Bor09-30] Jonathan M. Borwein. Ten lectures on variational approaches to minimization problems: Motivation and overview. IMA 2009 Summer Program for Graduate Students on The Mathematics of Inverse Problems, University of Delaware, Newark, DE, USA., June 29, 2009.

Borwein:2009:TLVc

[Bor09-31] Jonathan M. Borwein. Ten lectures on variational approaches to minimization problems: Variational principles and applications. IMA 2009 Summer Program for Graduate Students on The Mathematics of Inverse Problems, University of Delaware, Newark, DE, USA., July 1, 2009.

Borwein:2009:WC

[Bor09-32] Jonathan M. Borwein. Why convex? Plenary Lecture, CMS Winter Meeting, Windsor, ON, Canada, December 5–7., December 5, 2009.

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[Bor10a] J. M. Borwein. Mathematics by experiment: Plausible reasoning in the 21st century. In *ICME10 Proceedings, July 2010*, page ?? ????, ????, 2010. URL `http://docserver.carma.newcastle.edu.au/272/`.

Borwein:2010:GV

[Bor10b] Jonathan M. Borwein. 32 Goldbach variations. CARMA Colloquium and Number Theory and Analysis Seminar, University of Newcastle, Newcastle, NSW, Australia., March 19, 2010.

Borwein:2010:APAa

[Bor10c] Jonathan M. Borwein. Alternating projection algorithms in Hilbert space, I. CARMA Analysis and Optimization Seminar, University of Newcastle, Newcastle, NSW, Australia., April 20, 2010.

Borwein:2010:APAb

[Bor10d] Jonathan M. Borwein. Alternating projection algorithms in Hilbert space, II. CARMA Analysis and Optimization Seminar, University of Newcastle, Newcastle, NSW, Australia., April 27, 2010.

Borwein:2010:ASR

[Bor10e] Jonathan M. Borwein. The arithmetic of 3 and 4 step random walks. Keynote Lecture, AMSI-CARMA Workshop on Exploratory Experimentation and Computation Theory, CARMA, July 7–9., July 9, 2010.

Borwein:2010:CFWa

[Bor10f] Jonathan M. Borwein. Closed forms: what they are and why they matter. Part I, CARMA Number Theory seminar., September 15, 2010. URL `http://docserver.carma.newcastle.edu.au/767/`.

Borwein:2010:CFWb

[Bor10g] Jonathan M. Borwein. Closed forms: what they are and why they matter. Part II, CARMA Number Theory seminar., September 22, 2010. URL `http://docserver.carma.newcastle.edu.au/767/`.

Borwein:2010:CSS

[Bor10h] Jonathan M. Borwein. Compressed sensing: a subgradient approach. Special session on Optimization, 54th Australian Math Society Meetings, September 27–30, 2010., September 28, 2010.

Borwein:2010:DRIc

[Bor10i] Jonathan M. Borwein. Douglas–Rachford iterations in the absence of convexity. Clemson Research Experience for Undergraduates, presented from Newcastle, NSW, Australia., June 22, 2010.

Borwein:2010:DRId

[Bor10j] Jonathan M. Borwein. Douglas–Rachford iterations in the absence of convexity. Keynote Lecture, AMSI-CARMA Workshop on Applied Functional Analysis, CARMA, October 2–4., October 3, 2010.

Borwein:2010:EPM

[Bor10k] Jonathan M. Borwein. Entropy and projection methods for convex and nonconvex inverse problems. Prepared for Univ of South Australia Distinguished Lecture (54 slides)., March 29, 2010. URL `http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.175.5066&rep=rep1&type=pdf`.

Borwein:2010:EECa

[Bor10l] Jonathan M. Borwein. Exploratory experimentation and computation. First Plenary Lecture, 2010 German Math Society Meetings (joint with Mathematical Education), Munich, Germany, March 8–12., March 8, 2010. URL `http://docserver.carma.newcastle.edu.au/1396/`.

Borwein:2010:EECb

[Bor10m] Jonathan M. Borwein. Exploratory experimentation and computation. Mathematics Department Colloquium, University of Adelaide, Adelaide, SA, Australia., April 16, 2010. URL `http://docserver.carma.newcastle.edu.au/1396/`.

Borwein:2010:FYM

[Bor10n] Jonathan M. Borwein. Fifty years of maximal monotonicity. *Optimization Letters*, 4(4):473–490, 2010. ISSN 1862-4472 (print), 1862-4480 (electronic). URL `http://docserver.carma.newcastle.edu.au/1221/`.

Borwein:2010:FPC

[Bor10o] Jonathan M. Borwein. Fractal postcards and coke cans. Presentation to West Wallsend High School students in CARMA., September 24, 2010.

Borwein:2010:FCV

[Bor10p] Jonathan M. Borwein. Future challenges for variational analysis. In *Variational analysis and generalized differentiation in optimization and control*, volume 47 of *Springer Optim. Appl.*, pages 95–107. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 2010. URL `http://docserver.carma.newcastle.edu.au/396/`.

Borwein:2010:HPC

[Bor10q] Jonathan M. Borwein. High precision computation in mathematical physics and dynamics. AMSI-SIGopt Seminar. Delivered to Australian National University, UWA, RMIT and USA from Newcastle, NSW, Australia., June 2, 2010.

Borwein:2010:IRA

[Bor10r] Jonathan M. Borwein. Integer relation algorithms, II. CARMA Number Theory Seminar., January 20, 2010.

Borwein:2010:IC

[Bor10s] Jonathan M. Borwein. An introduction to CARMA. University of Newcastle 2010 Teachers' Visit Day, presented inside CARMA., June 28, 2010.

Borwein:2010:LP

[Bor10t] Jonathan M. Borwein. Life of pi. Public Lecture, 54th Australian Math Society Meetings, September 27–30, 2010., September 28, 2010.

Borwein:2010:LPT

[Bor10u] Jonathan M. Borwein. Life of pi: a talk for pi day. Newcastle Undergraduate Mathematics Club, Newcastle, NSW, Australia., March 15, 2010.

Borwein:2010:MEPb

[Bor10v] Jonathan M. Borwein. Maximum entropy and projection methods for inverse problems. Distinguished Lecture Series, Mathematics Dept, University of South Australia, Adelaide SA 5001, Australia., March 29, 2010.

Borwein:2010:MEPc

[Bor10w] Jonathan M. Borwein. Maximum entropy and projection methods for inverse problems. Plenary Lecture, Second South Pacific Conference on Mathematics, University of New Caledonia, Nouméa 98851, New Caledonia., August 31, 2010.

Borwein:2010:MRGa

[Bor10x] Jonathan M. Borwein. Moments of Ramanujan's generalized elliptic integrals and extensions of Catalan's constant. CARMA Colloquium, University of Newcastle, NSW, Australia., August 12, 2010. URL `http://docserver.carma.newcastle.edu.au/1443/`.

Borwein:2010:MZV

[Bor10y] Jonathan M. Borwein. Multiple zeta values. CARMA Number Theory and Analysis Seminar, University of Newcastle, Newcastle, NSW, Australia., March 31, 2010.

Borwein:2010:RACa

[Bor10z] Jonathan M. Borwein. Ramanujan's AG continued fraction, I: the real case. CARMA Colloquium., November 4, 2010.

Borwein:2010:RACb

[Bor10-27] Jonathan M. Borwein. Ramanujan's AG continued fraction, II: the complex case. CARMA Number Theory Seminar., November 4, 2010.

Borwein:2010:RWR

[Bor10-28] Jonathan M. Borwein. Random walks and ramble integrals. Analysis Seminar, University of Adelaide, Adelaide, SA, Australia., April 16, 2010.

Borwein:2010:SWR

[Bor10-29] Jonathan M. Borwein. Short walks and ramble integrals: The arithmetic of uniform random walks. Plenary Lecture, 54th Australian Math Society Meetings, September 27–30, 2010., September 30, 2010.

Borwein:2010:TTT

[Bor10-30] Jonathan M. Borwein. Talking to Telstra: Two weeks spent with Australia's largest Telco. Response to Australian Communications and Media Authority (ACMA) enquiry, Reconnecting the Customer, Sept 27, 2010., September 27, 2010.

Borwein:2010:TTG

[Bor10-31] Jonathan M. Borwein. Thirty two Goldbach variations. CARMA Workshop on Multi-zeta Values, University of Newcastle, Newcastle, NSW, Australia., October 20, 2010.

Borwein:2010:U

[Bor10-32] Jonathan M. Borwein. [untitled]. General interview on Newcastle Drive, ABC Radio Newcastle, NSW, Australia., March 30, 2010.

Borwein:2010:WC

[Bor10-33] Jonathan M. Borwein. Why convex? Colloquium, Universität der Bundeswehr München, Germany., March 10, 2010.

Borwein:2011:CCNb

[Bor11a] J. M. Borwein. Chiropractic: crackers now, and crackers way back when. *The Conversation*, ??(??):??, December 23, 2011. URL `https://theconversation.com/chiropractic-crackers-now-and-crackers-way-back-when-4836`.

Borwein:2011:LEW

[Bor11b] J. M. Borwein. Letter to the Editor: Why are mathematics papers so dull? *SIAM News*, 44(6):7, July/August 2011. ISSN 0036-1437. URL `http://www.siam.org/news/news.php?id=1903`.

Borwein:2011:WMP

[Bor11c] J. M. Borwein. Why are mathematics papers so dull? *SIAM News*, 44(6):7, July 15, 2011. ISSN 0036-1437. URL `http://docserver.carma.newcastle.edu.au/1450/;http://www.siam.org/news/news.php?id=1903`.

Borwein:2011:PDNa

[Bor11d] Jonathan Borwein. Are pi's days numbered? *The Conversation*, ??(??):??, May 4, 2011. URL `https://theconversation.com/are-pis-days-numbered-39`.

Borwein:2011:IBC

[Bor11e] Jonathan Borwein. If I had a blank cheque I'd ... turn IBM Watson into a maths genius. *The Conversation*, ??(??):??, July 8, 2011. URL `https://theconversation.com/if-i-had-a-blank-cheque-id-turn-ibms-watson-into-a-maths-genius-1213`.

Borwein:2011:MMS

[Bor11f] Jonathan Borwein. Mahler measures, short walks and log-sine integrals: A case study in hybrid computation. In *Proceedings of* *the 2011 International Workshop on Symbolic–Numeric Computation*, SNC '11, page 1. ACM Press, New York, NY 10036, USA, 2011. ISBN 1-4503-0515-6. URL http://doi.acm.org/10.1145/2331684.2331685.

Borwein:2011:ATR

[Bor11g] Jonathan M. Borwein. Actually: Teaching and researching at the tertiary level with collaboration tools. CARMA Colloquium., November 3, 2011.

Borwein:2011:PDNb

[Bor11h] Jonathan M. Borwein. Are pi's days numbered? Interview with ABC Goldcoast, Australia., July 18, 2011.

Borwein:2011:BND

[Bor11i] Jonathan M. Borwein. BBP numbers and digit-extraction algorithms. CARMA Seminar., May 23, 2011.

Borwein:2011:CM

[Bor11j] Jonathan M. Borwein. CARMA and me. New Fellows Seminar, Australian Academy of Science, Shine Dome, Canberra, ACT, Australia., May 4, 2011.

Borwein:2011:CMIa

[Bor11k] Jonathan M. Borwein. CARMA and me: An introduction. CDSC-CARMA-CISRA (Canon Information Systems Research Australia) afternoon, CARMA., April 26, 2011.

Borwein:2011:CMIb

[Bor11l] Jonathan M. Borwein. CARMA and me: An introduction. First CARMA Retreat, Shortland Wetland., July 19, 2011.

Borwein:2011:CMWa

[Bor11m] Jonathan M. Borwein. CARMA and me: or why am i in Oz? JonFest 2011, IRMACS, Simon Fraser University, Burnaby, BC, Canada, 16–20 May., May 17, 2011.

Borwein:2011:CMWb

[Bor11n] Jonathan M. Borwein. CARMA and me: or why am i in Oz? Two presentations to 2011 Teachers' Visit Day, University of Newcastle, NSW, Australia. July 8., June 30, 2011.

Borwein:2011:CCNa

[Bor11o] Jonathan M. Borwein. Chiropractic: crackers now, and crackers way back when. Math Drudge, December 23,

2011. URL `https://experimentalmath.info/blog/2011/12/chiropractic-crackers-now-and-crackers-way-back-when/`.

Borwein:2011:CSS

[Bor11p] Jonathan M. Borwein. Compressed sensing: a subgradient approach. Special Session on Optimization, ANZIAM 2011., February 1, 2011.

Borwein:2011:DCF

[Bor11q] Jonathan M. Borwein. Difference convex functions. Workshop on Continuous Optimization, University of South Australia, Adelaide SA 5001, Australia., January 29, 2011.

Borwein:2011:DRIa

[Bor11r] Jonathan M. Borwein. Douglas–Rachford iterations in the absence of convexity. AMS Special Session on Douglas–Rachford Methods, Combined Membership Meetings, New Orleans, LA, USA., January 9, 2011.

Borwein:2011:DRIb

[Bor11s] Jonathan M. Borwein. Douglas–Rachford iterations in the absence of convexity. Plenary Lecture (given from Newcastle), 13th Midwest Optimization Meeting and Workshop on Large Scale Optimization and Applications, Fields Institute, Toronto, ON M5T 3J1, Canada, October 14–15., October 15, 2011.

Borwein:2011:EEC

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Borwein:2011:FG

[Bor11u] Jonathan M. Borwein. Fractal geometry. Presentation to Year 7 students form Wallsend with Michael Rose to the NSW MEGS program (Making Educational Goals Sustainable)., February 16, 2011.

Borwein:2011:IAP

[Bor11v] Jonathan M. Borwein. The infinite appeal of pi. *ABC Science*, ??(??):??, March 10, 2011. URL `http://www.abc.net.au/science/articles/2011/03/10/3158045.htm`.

Borwein:2011:LP

[Bor11w] Jonathan M. Borwein. Life of pi. Graduate Colloquium, Mathematics Dept, University of Florida, Gainesville, FL, USA., January 12, 2011.

Borwein:2011:LPHa

[Bor11x] Jonathan M. Borwein. Life of pi: History and computation — a talk for pi day. University of Technology Sydney, NSW, Australia., March 14, 2011.

Borwein:2011:LPHb

[Bor11y] Jonathan M. Borwein. Life of pi: History and computation — a talk for pi day. Interviews with ABC Sydney, Goldcoast and Tasmania/Victoria, Australia., March 14, 2011.

Borwein:2011:LPHc

[Bor11z] Jonathan M. Borwein. Life of pi: History and computation — a talk for pi day. AMSI AGR Talk for PiDay in America., March 15, 2011.

Borwein:2011:MWIa

[Bor11-27] Jonathan M. Borwein. Measures, walks and integrals: a study in hybrid computation. First Plenary Lecture, Numeric-Symbolic Computation (2011 FCCAR Meetings), San Jose, CA, USA., June 7, 2011.

Borwein:2011:MWIb

[Bor11-28] Jonathan M. Borwein. Measures, walks and integrals: a study in hybrid computation. Keynote Lecture, AustMS Special Session on Computational Mathematics (presented by James Wang) 2011 AustMS Meetings, Wollongong, NSW, Australia, Sept 26–29., September 27, 2011.

Borwein:2011:MCA

[Bor11-29] Jonathan M. Borwein. Meetings with computer algebra and special functions: A Ramanujan style talk. Plenary Lecture at Jon-Fest Down Under, CARMA–AMSI Workshop, Nov 29–Dec 1, Newcastle, NSW, Australia., November 29, 2011.

Borwein:2011:MRGb

[Bor11-30] Jonathan M. Borwein. Moments of Ramanujan's generalized elliptic integrals and extensions of Catalan's constant. Number Theory Seminar, Mathematics Dept, University of Florida., January 11, 2011. URL `http://docserver.carma.newcastle.edu.au/1443/`.

Borwein:2011:MMU

[Bor11-31] Jonathan M. Borwein. Mysteries of the mathematical universe. World Science Festival Panel, New York. Panel shared with Devlin, de Sautoy, Singh., June 4, 2011.

Borwein:2011:RAC

[Bor11-32] Jonathan M. Borwein. Ramanujan's AG continued fraction. Colloquium, Mathematics Dept, University of Florida, Gainesville, FL, USA., January 11, 2011.

Borwein:2011:SWR

[Bor11-33] Jonathan M. Borwein. Short walks and ramble integrals: The arithmetic of uniform random walks. AMS Special Session on Special Functions, Combined Membership Meetings, New Orleans, LA, USA., January 9, 2011.

Borwein:2011:SWMa

[Bor11-34] Jonathan M. Borwein. Short walks, Mahler measures and logsine integrals, I. CARMA Seminar., March 16, 2011.

Borwein:2011:SWMb

[Bor11-35] Jonathan M. Borwein. Short walks, Mahler measures and logsine integrals, II. CARMA Seminar., March 23, 2011.

Borwein:2011:SS

[Bor11-36] Jonathan M. Borwein. A sinc that sank. CARMA Analysis Seminar, Newcastle, NSW, Australia., September 6, 2011. URL `http://docserver.carma.newcastle.edu.au/1391/`.

Borwein:2011:TRT

[Bor11-37] Jonathan M. Borwein. Teaching and researching at the tertiary level with collaboration tools. Plenary Lecture, ALTC Workshop, 2011 AustMS Meetings, Wollongong, NSW, Australia, Sept 29–30., September 29, 2011.

Borwein:2011:BRI

[Bor11-38] Jonathan Michael Borwein. Book review: *Implicit functions and solution mappings*, by Asen L. Dontchev and R. Tyrrell Rockafellar, Springer, 2009, ISBN 10: 0-387-87820-3, ISBN 13: 978-0-387-87820-1. *IEEE Control Systems Magazine*, 31(1):74–77, 2011. CODEN ISMAD7. ISSN 1066-033X (print), 1941-000X (electronic).

Borwein:2012:ARM

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Borwein:2012:AAS

[Bor12b] Jonathan M. Borwein. Arithmetic aspects of short random walks. Experimental mathematics seminar, University of Melbourne, Melbourne, VIC, Australia., May 14, 2012.

Borwein:2012:CMa

[Bor12c] Jonathan M. Borwein. CARMA and me: 2012. Annual CARMA Retreat, Fort Scratchley Newcastle, NSW, Australia., August 18, 2012.

Borwein:2012:CMb

[Bor12d] Jonathan M. Borwein. CARMA and me: 2012. APEC-ITB Workshop, Bandung Indonesia, given from Newcastle, NSW, Australia., October 23, 2012.

Borwein:2012:CTMa

[Bor12e] Jonathan M. Borwein. Computation and theory of Mordell–Witten–Tornheim sums. Part I theory. CARMA Analysis seminar, Newcastle, NSW, Australia., May 1, 2012.

Borwein:2012:CTMb

[Bor12f] Jonathan M. Borwein. Computation and theory of Mordell–Witten–Tornheim sums. Part II computation. CARMA Analysis seminar, Newcastle, NSW, Australia. 9. May 14., May 8, 2012.

Borwein:2012:EFSa

[Bor12g] Jonathan M. Borwein. Expectations over fractal sets. Applied Mathematics Seminar, University of New South Wales, Sydney, NSW, Australia., August 2, 2012.

Borwein:2012:EFSb

[Bor12h] Jonathan M. Borwein. Expectations over fractal sets. SigmaOPT Colloquium, CARMA., August 12, 2012.

Borwein:2012:EEM

[Bor12i] Jonathan M. Borwein. Exploratory experimentation in mathematics. ICERM Workshop on Reproducibility in Computational and Experimental Mathematics, ICERM, Providence, RI, USA, December 10–14., December 10, 2012.

Borwein:2012:FYMa

[Bor12j] Jonathan M. Borwein. Fifty years of maximal monotonicity: recent results on maximal monotone operators. Conference Presentation to the Workshop on Infinite Products of Operators and Their Applications, Technion, Haifa, May 21–24., May 24, 2012.

Borwein:2012:FYMb

[Bor12k] Jonathan M. Borwein. Fifty years of maximal monotonicity: recent results on maximal monotone operators. Keynote presentation to special session on Variational Analysis 56th AustMS Meetings, Ballarat, VIC, Australia, Sept 23–27., September 24, 2012.

Borwein:2012:FE

[Bor12l] Jonathan M. Borwein. Fractals everywhere. Presentation to West Wallsend High School students in CARMA., September 7, 2012.

Borwein:2012:FM

[Bor12m] Jonathan M. Borwein. The future of maths. Interview with ABC Radio National Future tense (Sunday 11.30)., November 11, 2012. URL `http://www.abc.net.au/radionational/programs/futuretense/the-future-of-maths/4355778.`.

Borwein:2012:IIC

[Bor12n] Jonathan M. Borwein. Interdisciplinarity, innovation, collaboration and creativity or how to manage a research portfolio. CARMA Colloquium., September 13, 2012.

Borwein:2012:LPA

[Bor12o] Jonathan M. Borwein. The life of pi: From Archimedes to ENIAC and beyond. Report, Centre for Computer Assisted Research Mathematics and its Applications (CARMA), University of Newcastle, Callaghan, NSW 2308, Australia, June 19, 2012. 30 pp. URL `http://carma.newcastle.edu.au/jon/pi-2012.pdf`. Prepared for Berggren Festschrift. Updated and revised version of [Bor08a].

Borwein:2012:MEF

[Bor12p] Jonathan M. Borwein. Maximum entropy and feasibility methods for convex and nonconvex inverse problems. *Optimization*, 61(1): 1–33, 2012. CODEN OPTZDQ. ISSN 0233-1934, 0323-3898. URL `http://docserver.carma.newcastle.edu.au/1439/`.

Borwein:2012:MEP

[Bor12q] Jonathan M. Borwein. Maximum entropy and projection methods for inverse problems. Technion Mathematics Colloquium and Conference Presentation to the Workshop on Infinite Products of Operators and Their Applications, Technion, Haifa, May 21–24., May 21, 2012.

Borwein:2012:MTW

[Bor12r] Jonathan M. Borwein. Mordell–Tornheim–Witten sums and log gamma integrals. Special session on Number Theory 56th AustMS Meetings, Ballarat, VIC, Australia, Sept 23–27., September 25, 2012.

Borwein:2012:MM

[Bor12s] Jonathan M. Borwein. Music and mathematics. Concert including a visualisation and sonification of a random walk through Pi with Jon Drummond and Fran Aragon. Harold Lobb Concert Hall, Newcastle, NSW, Australia., October 25, 2012.

Borwein:2012:MES

[Bor12t] Jonathan M. Borwein. My experiences with special functions. Colloquium, University of Melbourne, Melbourne, VIC, Australia., May 15, 2012.

Borwein:2012:PDAa

[Bor12u] Jonathan M. Borwein. Pi day in America. *Huffington Post*, ??(??): ??, March 15, 2012. URL `http://www.huffingtonpost.com/jonathan-m-borwein/`.

Borwein:2012:PDAb

[Bor12v] Jonathan M. Borwein. Pi day in America. Conference in Honour of Alf van der Poorten, CARMA, Newcastle, NSW, Australia., March 15, 2012.

Borwein:2012:PDI

[Bor12w] Jonathan M. Borwein. Pi day interview. ABC Radio Queensland, Australia., March 14, 2012.

Borwein:2012:RPS

[Bor12x] Jonathan M. Borwein. Ramanujan and Pi: Srinivasa Ramanujan: Going strong at 125. *Notices of the American Mathematical Society*, 59(11):1534–1537, December 2012. CODEN AMNOAN. ISSN 0002-9920 (print), 1088-9477 (electronic). URL `http://docserver.carma.newcastle.edu.au/1379/;http://www.ams.org/journals/notices/201211/rtx121101522p.pdf`.

Borwein:2012:RPMb

[Bor12y] Jonathan M. Borwein. Recent progress on maximal monotonicity. ANZIAM 2012, Warrnambool, VIC, Australia., January 31, 2012.

Borwein:2012:STMb

[Bor12z] Jonathan M. Borwein. Seeing things in mathematics. CARMA Workshop on Effective Visualisation in the Mathematical Sciences (eViMS)., November 25, 2012.

Borwein:2012:SM

[Bor12-27] Jonathan M. Borwein. Smart meters. Interview with ABC Radio Canberra, ACT, Australia., November 8, 2012.

Borwein:2012:TMP

[Bor12-28] Jonathan M. Borwein. Talking to, with and for the media and the public. CARMA-MAPS Outreach afternoon., August 17, 2012.

Borwein:2012:U

[Bor12-29] Jonathan M. Borwein. [untitled]. Interview with Ginger Gorman at 666 ABC Canberra, ACT, Australia on Pi Walk., August 11, 2012.

Borwein:2012:USTa

[Bor12-30] Jonathan M. Borwein. The use of selection theorems in optimization. Part I theory. CARMA/SigmaOPT seminar, Newcastle, NSW, Australia., March 22, 2012.

Borwein:2012:USTb

[Bor12-31] Jonathan M. Borwein. The use of selection theorems in optimization. Part II applications. CARMA/SigmaOPT seminar, Newcastle, NSW, Australia., March 29, 2012.

Borwein:2012:WMI

[Bor12-32] Jonathan M. Borwein. Walks, measures and integrals. Conference in Honour of Alf van der Poorten, CARMA, Newcastle, NSW, Australia., March 16, 2012.

Borwein:2012:EED

[Bor12-33] Jonathan Michael Borwein. Exploratory experimentation: Digitally-assisted discovery and proof. In Hanna and de Villiers [Hd12], pages 69–96. ISBN 94-007-2128-5, 94-007-2129-3 (e-book). LCCN QA9.54 .P766 2012. URL `http://docserver.carma.newcastle.edu.au/393/;http://link.springer.com/chapter/10.1007/978-94-007-2129-6_4`.

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[Bor13a] J. M. Borwein. Australia needs fundamental research to build a great country. *The Conversation*, ??(??):??, November 11, 2013. URL https://theconversation.com/australia-needs-fundamental-research-to-build-a-great-country-20031.

Borwein:2013:C

[Bor13b] J. M. Borwein. Carma. One of a small selected number of researchers featured in an issue with a focus on "Mathematics, Statistics, Numerical and Computational Mathematics," International Innovation., July 2013. URL http://www.international-innovation-northamerica.com.

Borwein:2013:DLP

[Bor13c] J. M. Borwein. Don't let politics drive research goals. *Newcastle Herald*, page 11, November 25, 2013. URL http://www.theherald.com.au/story/1931600/opinion;http://www.theherald.com.au/story/1931600/opinion-dont-let-politics-drive-research-goals/;https://theconversation.edu.au/profiles/jon-borwein-101.

Borwein:2013:ANFa

[Bor13d] Jonathan M. Borwein. Australia needs fundamental research to build a great country. Math Drudge, November 11, 2013. URL https://experimentalmath.info/blog/2013/11/australia-needs-fundamental-research-to-build-a-great-country/.

Borwein:2013:BABa

[Bor13e] Jonathan M. Borwein. Best approximation in Banach space: the Chebyshev problem. Naresuan University, Workshop on Nonsmooth Variational Inequalities, Optimization Problems and Fixed Point Theory, April 24–26, Naresuan University, Phitsanulok, Thailand., April 26, 2013.

Borwein:2013:BABb

[Bor13f] Jonathan M. Borwein. Best approximation in Banach space: the Chebyshev problem. Colloquium, Department of Mathematics, Chiang Mai University, Chiang Mai, Thailand., April 29, 2013.

Borwein:2013:BARa

[Bor13g] Jonathan M. Borwein. Best approximation in (reflexive) Banach space, I: Introduction. OANTS-AMSI seminar, CARMA., March 25, 2013.

Borwein:2013:BARb

[Bor13h] Jonathan M. Borwein. Best approximation in (reflexive) Banach space, II: The Lau–Konjagin Theorem. OANTS-AMSI seminar, CARMA., April 8, 2013.

Borwein:2013:BARc

[Bor13i] Jonathan M. Borwein. Best approximation in (reflexive) Banach space, III: The Chebysev problem. OANTS-AMSI seminar, CARMA., April 15, 2013.

Borwein:2013:DRM

[Bor13j] Jonathan M. Borwein. Douglas–Rachford methods for matrix completion problems. CARMA/OCANA Seminar, University of Newcastle, Newcastle, NSW, Australia., October 23, 2013.

Borwein:2013:EMC

[Bor13k] Jonathan M. Borwein. Entropy methods and checkerboard copulas to simulate rainfall. Department of Economics, Chiang Mai University, Chiang Mai, Thailand., April 30, 2013.

Borwein:2013:EMI

[Bor13l] Jonathan M. Borwein. Entropy methods for inverse problems. Colloquium, Department of Economics, Chiang Mai University, Chiang Mai, Thailand., April 30, 2013.

Borwein:2013:EEMa

[Bor13m] Jonathan M. Borwein. Exploratory experimentation in the mathematical sciences. Colloquium, Department of Economics, Chiang Mai University, Chiang Mai, Thailand., April 29, 2013.

Borwein:2013:EEMb

[Bor13n] Jonathan M. Borwein. Exploratory experimentation in the mathematical sciences. National Mathematics Seminar, Bulgarian Academy of Science., June 5, 2013.

Borwein:2013:LP

[Bor13o] Jonathan M. Borwein. The life of pi. Maths Enrichment Session, CARMA., September 20, 2013.

Borwein:2013:MEP

[Bor13p] Jonathan M. Borwein. Maximum entropy and projection methods for convex and non-convex inverse problems. First Keynote Lecture, MaxEnt33, Canberra, ACT, Australia (Dec 15–20)., December 16, 2013.

Borwein:2013:MSS

[Bor13q] Jonathan M. Borwein. Modelling and simulation of seasonal rainfall. Recent Advances in OR, RMIT AGR–University of Newcastle AGR–Adelaide, July 17., July 17, 2013. URL `http://docserver.carma.newcastle.edu.au/1453/`.

Borwein:2013:NDR

[Bor13r] Jonathan M. Borwein. Nonconvex Douglas–Rachford iterations. Workshop on Nonsmooth Variational Inequalities, Optimization Problems and Fixed Point Theory, April 24–26, Naresuan University, Phitsanulok, Thailand., April 26, 2013.

Borwein:2013:PD

[Bor13s] Jonathan M. Borwein. Pi day. Interview with ABC radio South Australia., March 14, 2013.

Borwein:2013:PPE

[Bor13t] Jonathan M. Borwein. The pi of planet earth. Plenary Lecture, AMSI AGR Distinguished Lecture Series from CARMA., March 14, 2013.

Borwein:2013:STWc

[Bor13u] Jonathan M. Borwein. Seeing things by walking on numbers. Workshop on Nonsmooth Variational Inequalities, Optimization Problems and Fixed Point Theory, April 24–26, Naresuan University, Phitsanulok, Thailand., April 26, 2013.

Borwein:2013:STWd

[Bor13v] Jonathan M. Borwein. Seeing things by walking on numbers. Colloquium, Department of Mathematics, Chiang Mai University, Chiang Mai, Thailand., April 30, 2013.

Borwein:2013:STWe

[Bor13w] Jonathan M. Borwein. Seeing things by walking on numbers. First keynote, workshop on Topological Methods in Analysis and Optimization, Bulgarian Academy of Science, June 10–13., June 10, 2013.

Borwein:2013:STWf

[Bor13x] Jonathan M. Borwein. Seeing things by walking on numbers. National Youth Science Forum students visit to University of Newcastle, NSW, Australia, July 1–2, CARMA., July 2, 2013.

Borwein:2013:STWg

[Bor13y] Jonathan M. Borwein. Seeing things by walking on numbers. Maths Enrichment Session, CARMA., August 14, 2013.

Borwein:2013:STWh

[Bor13z] Jonathan M. Borwein. Seeing things by walking on numbers. Number Theory Session, 57th AustMS Meeting, University of Sydney, NSW, Australia., September 30, 2013.

Borwein:2013:STWi

[Bor13-27] Jonathan M. Borwein. Seeing things by walking on numbers. Google's CS4HS programme, University of Newcastle, Newcastle, NSW, Australia., November 12, 2013.

Borwein:2013:STWa

[Bor13-28] Jonathan M. Borwein. Seeing things by walking on real numbers. Fellows' Lecture, 2013 National Mathematics Summer School, Shine Dome, Canberra, ACT, Australia., January 17, 2013.

Borwein:2013:STWb

[Bor13-29] Jonathan M. Borwein. Seeing things by walking on real numbers. Plenary Lecture, Third South Pacific Optimization Meeting, Newcastle, NSW, Australia., February 11, 2013.

Borwein:2013:SDR

[Bor13-30] Jonathan M. Borwein. Set the default to 'reproducible'. Session on reproducible computational science, MPE 2013, Melbourne, VIC, Australia, July 8–12., July 9, 2013.

Borwein:2013:SLV

[Bor13-31] Jonathan M. Borwein. Seven lectures on variational analysis. CIMPA–Unesco–India Research School on Generalized Nash Equilibrium Problems, Delhi University, New Delhi, India (Nov 25th-Dec 6)., November 25–30, 2013.

Borwein:2013:SM

[Bor13-32] Jonathan M. Borwein. Surprise maximization. Department of Economics, Chiang Mai University, Chiang Mai, Thailand., April 30, 2013. URL `http://docserver.carma.newcastle.edu.au/209/`.

Borwein:2013:VAPc

[Bor13-33] Jonathan M. Borwein. Variational analysis in the presence of symmetry. Optimization of Planet Earth Session, 57th AustMS

Meeting, University of Sydney, Sydney, NSW, Australia., October 1, 2013.

Borwein:2013:VAPa

[Bor13-34] Jonathan M. Borwein. Variational analysis in the presence of symmetry. Part I. OAANTS AGR Seminar., July 30, 2013.

Borwein:2013:VAPb

[Bor13-35] Jonathan M. Borwein. Variational analysis in the presence of symmetry. Part II. OAANTS AGR Seminar., August 6, 2013.

Borwein:2014:BTM

[Bor14a] J. M. Borwein. Budget 2014: there's more to science than medical research. *The Conversation*, ??(??):??, May 13, 2014. URL `https://theconversation.com/budget-2014-theres-more-to-science-than-medical-research-26632`.

Borwein:2014:MWF

[Bor14b] J. M. Borwein. Meet the winners of the Fields Medal: the 'Nobel Prize of maths'. *The Conversation*, ??(??): ??, August 12, 2014. URL `https://theconversation.com/meet-the-winners-of-the-fields-medal-the-nobel-prize-of-maths-30411`.

Borwein:2014:MIP

[Bor14c] Jonathan M. Borwein. The *Mathematical Investor*: A personal perspective by JMB. Mathematical Investor, January 7, 2014. URL `https://www.financial-math.org/blog/2014/01/the-mathematical-investor-a-personal-perspective-by-jmb/`.

Borwein:2014:CM

[Bor14d] Jonathan M. Borwein. CARMA and me. Opening of CRM, University of Western Sydney, NSW, Australia., May 28, 2014.

Borwein:2014:CPT

[Bor14e] Jonathan M. Borwein. Character polylogarithms and their applications. First lecture, Number Theory Down Under II, Newcastle, October 24–25, 2014., October 24, 2014.

Borwein:2014:DRMa

[Bor14f] Jonathan M. Borwein. Douglas–Rachford methods for matrix completion problems. ANZIAM 2014, Rotorua, New Zealand., February 6, 2014.

Borwein:2014:DRMb

[Bor14g] Jonathan M. Borwein. Douglas–Rachford methods for matrix completion problems. ANZIAM 2014, Federation University meeting in honour of Vladimir Demyanov (given from Burnaby)., April 16, 2014.

Borwein:2014:ECVa

[Bor14h] Jonathan M. Borwein. Experimental computation and visual theorems. In Hong and Yap [HY14], pages 1–8. ISBN 3-662-44198-5, 3-662-44199-3 (e-book). LCCN QA76.95.

Borwein:2014:ECVb

[Bor14i] Jonathan M. Borwein. Exploratory computation and visual theorems: The computer as collaborator. Part I, CARMA Colloquium., May 21, 2014.

Borwein:2014:ECVc

[Bor14j] Jonathan M. Borwein. Exploratory computation and visual theorems: The computer as collaborator. Part II, CARMA Colloquium., May 29, 2014.

Borwein:2014:ECVd

[Bor14k] Jonathan M. Borwein. Exploratory computation and visual theorems: The computer as collaborator. Part III, CARMA Colloquium., June 14, 2014.

Borwein:2014:ECVe

[Bor14l] Jonathan M. Borwein. Exploratory computation and visual theorems: The computer as collaborator. First Plenary, ICERM Workshop on Challenges for 21st Century Experimental Mathematics, Brown University, Providence, RI, USA, July 21–25, 2014., July 21, 2014.

Borwein:2014:ECVf

[Bor14m] Jonathan M. Borwein. Exploratory computation and visual theorems: The computer as collaborator. Final Keynote, Fourth International Congress on Mathematical Software (and ICM Satellite Meeting), Hanyang University, Seoul, Souh Korea August 5–8, 2014., August 9, 2014.

Borwein:2014:ECVg

[Bor14n] Jonathan M. Borwein. Exploratory computation and visual theorems: The computer as collaborator. Plenary lecture Effective Visualisation in the Mathematical Sciences (EViMS2), Australian National University, November 21–23., November 22, 2014.

Borwein:2014:FFC

[Bor14o] Jonathan M. Borwein. The Fitzpatrick function as a convex gap function. Special session on Optimization, ANZMC8, Melbourne, VIC, Australia, December 8–12, 2014., December 8, 2014.

Borwein:2014:LAE

[Bor14p] Jonathan M. Borwein. The life of π: From Archimedes to ENIAC and beyond. In Sidoli and Van Brummelen [SV14], pages 531–561. ISBN 3-642-36735-6 (hardcover), 3-642-36736-4 (e-book). LCCN QA21 .F76 2014. URL `http://www.carma.newcastle.edu.au/~jb616/pi-2010.pdf`. Extended and updated version of [Bor08a].

Borwein:2014:LPb

[Bor14q] Jonathan M. Borwein. The life of pi. A Talk for Pi Day or other Days. Part I, History. Inaugural Möbius Lecture Series, Department of Mathematics, Baylor University, Waco, TX, USA., April 22, 2014.

Borwein:2014:LPc

[Bor14r] Jonathan M. Borwein. The life of pi. A Talk for Pi Day or other Days. Part II, Computation. Colloquium, Inaugural Möbius Lecture Series, Department of Mathematics, Baylor University, Waco, Texas., April 23, 2014.

Borwein:2014:LPA

[Bor14s] Jonathan M. Borwein. The life of pi: From Archimedes to ENIAC and beyond. In Sidoli and Van Brummelen [SV14], pages 531–561. ISBN 3-642-36735-6 (hardcover), 3-642-36736-4 (e-book). LCCN QA21 .F76 2014. URL `http://docserver.carma.newcastle.edu.au/265/`.

Borwein:2014:MDS

[Bor14t] Jonathan M. Borwein. Moments and densities of short walks in arbitrary dimensions. Plenary lecture New Directions in Fractal Geometry, Australian National University, November 23–27., November 25, 2014.

Borwein:2014:PD

[Bor14u] Jonathan M. Borwein. Pi day. Interview and call-in show with ABC radio South Australia., March 14, 2014.

Borwein:2014:RPSa

[Bor14v] Jonathan M. Borwein. Rock, paper, scissors. Interview on ABC Radio Newcastle, NSW, Australia., May 8, 2014.

Borwein:2014:RPSb

[Bor14w] Jonathan M. Borwein. Rock, paper, scissors. Interview on ABC Radio Riverena., May 12, 2014.

Borwein:2014:STMb

[Bor14x] Jonathan M. Borwein. Seeing things in mathematics by walking on real numbers. Workshop in honour of David Borwein's 90th birthday, IRMACS, Burnaby, BC, Canada., April 16, 2014.

Borwein:2014:STMc

[Bor14y] Jonathan M. Borwein. Seeing things in mathematics by walking on real numbers. Inaugural Möbius Lecture Series, Colloquium, Department of Mathematics, Baylor University, Waco, Texas., April 24, 2014.

Borwein:2014:VCP

[Bor14z] Jonathan M. Borwein. A very complicated proof of the minimax theorem. CARMA Workshop on Optimisation and Risk, July 12, 2012., July 12, 2014. URL `http://docserver.carma.newcastle.edu.au/1499/`.

Borwein:2014:VPP

[Bor14-27] Jonathan M. Borwein. The visualization of pi. Presentation at Destination Maitland: City of the Future. Conservatorium Campus, Maitland, NSW, Australia., April 10, 2014.

Borwein:2015:OPB

[Bor15a] J. M. Borwein. It's often the puzzles that baffle that go viral. *The Conversation*, ??(??):??, April 16, 2015. URL `https://theconversation.com/its-often-the-puzzles-that-baffle-that-go-viral-40216`.

Borwein:2015:MWK

[Bor15b] J. M. Borwein. The man who knew infinity: a mathematician's life comes to the movies. *The Conversation*, ??(??):??, November 17, 2015. URL `https://theconversation.com/the-man-who-knew-infinity-a-mathematicians-life-comes-to-the-movies-50777`.

Borwein:2015:TWC

[Bor15c] J. M. Borwein. The 'train wreck' continues: another social science retraction. *The Conversation*, ??(??):??, May 29, 2015. URL `https://theconversation.com/the-train-wreck-continues-another-social-science-retraction-42404`.

Borwein:2015:AOF

[Bor15d] Jonathan M. Borwein. Adventures with the OEIS: Five sequences Tony may like. Tony Guttmann: Seventy and counting, December 7–8, Newcastle, NSW, Australia., December 7, 2015.

Borwein:2015:BMY

[Bor15e] Jonathan M. Borwein. Brailey and me (and you). Dinner speech, CARMA Workshop in honour of Brailey Sims, August 21–23, Newcastle, NSW, Australia., August 22, 2015.

Borwein:2015:CAGb

[Bor15f] Jonathan M. Borwein. Convex analysis on groups and monoids. Plenary Variational Analysis and Optimisation Special Session, AustMS 59, Flinders University, Bedford Park SA 5042, Australia, 28 Sept–Oct 1, 2015., September 29, 2015.

Borwein:2015:DRM

[Bor15g] Jonathan M. Borwein. Douglas–Rachford methods for matrix completion problems. Federation University Workshop on Continuous Optimization in honour of Alex Rubinov (given from Newcastle)., April 16, 2015.

Borwein:2015:ECV

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