DAVID BORWEIN
BIOGRAPHICAL SKETCH

David Borwein was born in Kaunas, Lithuania on March 24, 1924. He lived in South Africa from 1930 to 1948 and attended the University of Witwatersrand from which he obtained two batchelor's degrees, the first in Electrical Engineering and the second in Mathematics. At the end of his engineering studies in 1944, he served for a year in the Special Signals Services (i.e., Radar) of the South African armed forces.

Borwein did his graduate work at University College, London under the supervision of L.S. Bosanquet whose own supervisor was G.H. Hardy. His thesis title was "The Cesàro summability of integrals". In 1950 he was awarded a Ph. D. degree by the University of London, and in 1960 a D. Sc. degree by the same university. In 1959 he was elected to a Fellowship of the Royal Society of Edinburgh. From 1950 until 1963 Borwein was a lecturer at St Andrews University, Scotland. He came by invitation to the University of Western Ontario as a visiting Professor for a year in 1963 and stayed on permanently. He was head of the mathematics department at UWO from 1967 until 1989 when he was mandatorily retired.

Borwein now holds an Emeritus and Adjunct Professorship in the mathematics department and remains actively engaged in research. His main (but not exclusive) area of mathematical research has been, and continues to be, classical analysis, notably the summability theory of series and integrals. He has published over 125 papers, some co-authored with his sons Jonathan and Peter. Among the many Ph. D. students he has supervised are Bruce Shawyer, Peter Cass, Bruce Watson, Irv Robinson, Eddy Smet, John Sayre and Tom Markovich, who now hold (or have held) positions in Canadian universities. For a number of years Borwein was Advanced Problems editor of the *American Mathematical Monthly*, and he is currently a co-editor of *Analysis - International Journal of Analysis and its Applications*. He acts as a referee for a number of mathematical journals and as a reviewer for NSERC and NSF proposals. He has given talks at many universities and conferences, both in Canada and abroad. On invitation he visited and worked with colleagues a number of times at Tel-Aviv University and at Universität Ulm. He has also worked at the Centre of Experimental and Constructive Mathematics (Simon Fraser University) for various periods – he is an associate member of CECM

Borwein has maintained an active interest in the Canadian Mathematical Society (previously Congress) ever since he came to Canada. He served on the Society's

Board of Directors (previously Council) for the periods 1967–1975, 1977–1979 and 1985–1989, and on its Executive Committee for the periods 1969–1975 and 1985–1989. He was on its Research Committee from 1969 until 1976, serving as Chairman of that committee from 1969 until 1973. From 1973 until 1975 he was one of the Vice-Presidents of the Society, and he was its President from 1985 until 1987. In December 1996 the CMS presented him with its Distinguished Service Award "in recognition of contributions to mathematics in Canada and to the work of the Society".

SERVICE ADDENDUM

YOUTH SCIENCE FOUNDATION
Two years of judging at Canada-Wide Science Fairs (Whitehorse 1995, North Bay 1996). Judge at the International Science and Engineering Fair in Hamilton (1995). Part of group escorting Team Canada to the ISEF in Tucson (1996), Louisville (1997, 2002), Fort Worth (1998), Philadelphia (1999), Detroit (2000), and San Jóse (2001). Member of the YSF Scientific Advisory Committee which selected Team Canada for these ISEF's and also for the ones in Cleveland (2003) and Portland (2004).

INTERNATIONAL MATHEMATICAL OLYMPIAD
Member of the Organizing Corporation for IMO 1995 – on the Finance Committee, and initially helped obtain funds from the Government of Ontario. Was a coordinator for the IMO 1995 competition at York University.
Had previously been a member of the Canadian Mathematical Olympiad Committee.

INTERNATIONAL MATHEMATICS UNION
Member of the Canadian National Committee for IMU (1983–1986).
Was organising secretary for the IMU meeting in St Andrews, Scotland in 1958.

UNIVERSITY OF WESTERN ONTARIO
At various times was elected to serve on the Academic Pension Board, Senate, Senate Budget and Finance Committee (chair for 2 years), and many other Senate and Faculty of Science committees.
Served for a period on the Exucutive Committee of the UWO Retired Academics Group to deal with Pensions and Benefits.
Co-ordinator of the UWO Alumni Bridge Club.

BROUGHDALE COMMUNITY ASSOCIATION
Volunteer on our local community association.

MANDATORY RETIREMENT
Has given talks and appeared on TV and radio on the subject of mandatory retirement.
Made a presentation, December 1992, to the Standing Committee on Administration of Justice of the Ontario Legislature in support of a private member's bill to remove a clause from the Ontario Human Rights Code which allows for discrimation of those aged 65 or more. The bill (which he had prompted a local MPP to introduce) had second reading approval, but was allowed to die when the parliamentary session ended and never reintroduced.

MATHEMATICAL ASSOCIATION OF AMERICA
Served for 3 years as one of 3 members of the MAA Committee which selects the winners of the Chauvenet Prize (for expositary mathematical work).

THE UNIVERSITY OF WESTERN ONTARIO
CURRICULUM VITAE

NAME : BORWEIN, David
D.O.B. : 1924 03 24

ACADEMIC TRAINING
1960 : D.Sc. University of London (for published work)
1950 : Ph.D. University of London
1948 : B.Sc. (Hons.) University of Witwatersrand
1945 : B.Sc. (Eng.) University of Witwatersrand

ACADEMIC DISTINCTIONS
1959 : F.R.S.E. Fellow of the Royal Society of Edinburgh

PRESENT POSITION
1989- : Professor Emeritus (post-retirement position)

PREVIOUS POSITIONS
1967-1989 : Professor and Head, Department of Mathematics (Tenured: July 1, 1970)
1966-1967 : Senior Professor, The University of Western Ontario
1964-1966 : Professor, The University of Western Ontario
1963-1964 : Visiting Professor, The University of Western Ontario
1950-1963 : Lecturer in Mathematics, St. Salvators College, St. Andrews University, Scotland
1948 : Temporary Lecturer, University of Witwatersrand

MEMBERSHIP IN LEARNED SOCIETIES
American Mathematical Society
Canadian Mathematical Society
London Mathematical Society
Mathematical Association of America

PROFESSIONAL ACTIVITY
1991- : Member, 1995 International Mathematics Olympiad Corporation
1985-1987 : President, Canadian Mathematical Society
1985- : Canadian National Committee for the International Mathematics Union
1985- : Executive, Canadian Mathematical Society
1984-1989 : Council of Canadian Mathematics and Statistics Department Chairmen
1983-1986 : Member, Canadian Mathematics Olympiad Committee
1982-1985 : Advanced Problems Editor, American Mathematical Monthly
1980- : Editorial Board of "Analysis - International Journal of Analysis and Its Applications"
1979-1983 : Canadian National Committee for the International Mathematics Union
1977-1979 : Board of Directors, Canadian Mathematical Society
1977-1979 : Council, Canadian Mathematical Society
1975-1982 : Mathematical Sciences Discipline Group
1973-1975 : Vice-President, Canadian Mathematical Society
1969-1976 : Research Committee, Canadian Mathematical Congress (Chairman, 1969-1973)
1969-1975 : Executive, Canadian Mathematical Society
1968-1989 : Ontario Universities Mathematics Chairmen's Group (Chairman, 1970-1971)
1967-1975 : Council, Canadian Mathematical Society

REFEREE/REVIEWER
1971- Archiv der Mathematik
Canadian Journal of Mathematics
Canadian Mathematical Bulletin
Glasnik Matematicki
Journal of Approximation Theory
Journal of Mathematical Analysis and Applications
Mathematical Proceedings of the Cambridge Philosophical Society
Pacific Journal of Mathematics
Proceedings of the American Mathematical Society
Proceedings of the Edinburgh Mathematical Society
Proceedings of the London Mathematical Society
Proceedings of the International Symposium on Analytic Number Theory
Real Analysis Exchange
Quarterly Journal of Mathematics, Oxford
Utilitas Mathematica
Reviewer of NSF Proposals
Reviewer of NSERC Proposals

PUBLICATIONS IN REFEREED JOURNALS   David Borwein

1. *On the Cesàro summability of integrals*, J. London Math. Soc. 25 (1950), 289–302.

2. *A summability factor theorem*, J. London Math. Soc. 25 (1950), 302–315.

3. *On the absolute Cesàro summability of integrals*, Proc. London Math. Soc. (3) 1 (1951), 308–326.

4. *Note on summability factors*, J. London Math. Soc. 29 (1954), 198–206.

5. *Integration by parts of Cesàro summable integrals*, J. London Math. Soc. 29 (1954), 276–292.

6. *On the absolute summability of Stieltjes integrals*, J. London Math. Soc. 29 (1954), 476–486.

7. *On the abscissae of summability of a Dirichlet series*, J. London Math. Soc. 30 (1955), 68–71.

8. *A theorem on Riesz summability*, J. London Math. Soc. 41 (1956), 319–324.

9. *On a scale of Abel-type summability methods*, Proc. Camb. Phil. Soc. 53 (1957), 318–322.

10. *On methods of summability based on power series*, Proc. Royal Soc. Edinburgh 64 (1957), 342–349.

11. *A logarithmic method of summability*, J. London Math. Soc. 33 (1958), 312–220.

12. *On products of sequences*, J. London Math. Soc. 33 (1958), 325–357.

13. *Theorems on some methods of summability*, Quart. J. Math. Oxford (2) 9 (1958), 310–316.

14. *On multiplication of $(C, -\mu)$-summable series*, J. London Math. Soc. 33 (1958), 441–449.

15. *On Borel-type methods of summability*, Mathematika 5 (1958), 128–133.

16. *On methods of summability based on integral functions*, Proc. Camb. Phil. Soc. 55 (1959), 23–30.

17. *Binary and ternary transformations of sequences*, Proc. Edinburgh Math. Soc. 11 (1959), 175–181. (With A.V. Boyd).

18. *On finite difference solutions of two point boundary value problems*, ZAMP 10 (1959), 221–232. (With A.R. Mitchell).

19. *An extension of a theorem on the equivalence between absolute Rieszian and absolute Cesàro summability*, Proc. Glasgow Math. Assoc. 4 (1959), 81–83.

20. *Relations between Borel-type methods of summability*, J. London Math. Soc. 35 (1960), 65–70.

21. *On moment constant methods of summability*, J. London Math. Soc. 35 (1960), 71–77.

22. *On methods of summability based on integral functions* II, Proc. Camb. Phil. Soc. 56 (1960), 125–131.

23. *On strong and absolute summability*, Proc. Glasgow Math. Assoc. 4 (1960), 122–139.

24. *Nörlund methods of summability associated with polynomials*, Proc. Edinburgh Math. Soc. 12 (1960), 7–15.

25. *On Riesz summability factors*, Proc. Glasgow Math. Assoc. 5 (1962), 188–196. (With B.L.R. Shawyer).

26. *On multiplication of Cesàro summable series*, J. London Math. Soc. 38 (1963), 441–449.

27. *On absolute Riesz summability factors*, J. London Math. Soc. 39 (1964), 455–465. (With B.L.R. Shawyer).

28. *On strong Riesz summability factors*, J. London Math. Soc. 40 (1965), 111–126. (With B.L.R. Shawyer).

29. *Linear functionals connected with strong Cesàro summability*, J. London Math. Soc. 40 (1965), 628–634.

30. *On a class of convergent series of positive terms*, J. London Math. Soc. 40 (1965), 587–588.

31. *On a non-enumerable exceptional set*, Amer. Math. Monthly 73 (1966), 288.

32. *On a generalised Cesàro summability method of integral order*, Tohôku Math J. 18 (1966), 71–73.

33. *On Borel-type methods*, Tohôku Math J. 18 (1966), 283–298. (With B.L.R. Shawyer).

34. *On a method of summability equivalent to the Cesàro method*, J. London Math. Soc. 42 (1967), 339–343.

35. *On Riesz and generalised Cesàro summability of arbitrary positive order*, Math. Z. 99 (1967), 171–177. (With D.C. Russell).

36. *On Borel-type methods* II, Tohôku Math J. 19 (1967), 232–237. (With B.L.R. Shawyer).

37. *On generalised Cesàro summability*, J. Indian Math. Soc. (Prasad Memorial Issue) 9 (1967), 55–64.

38. *Strong Nörlund summability*, Math. Z. 103 (1968), 94–111. (With F.P.A. Cass).

39. *Multiplication theorems for strong Nörlund summability*, Math. Z. 107 (1968), 33–42. (With F.P.A. Cass).

40. *Scales of logarithmic methods of summability*, Canad. Math. Bull. 12 (1969), 445–452. (With R. Phillips).

41. *A tauberian theorem for Borel-type methods of summability*, Canad. J. Math. 21 (1969), 740–747.

42. *A property of gradients*, Amer. Math. Monthly 76 (1969), 648. (With A. Meir).

43. *On Riesz and generalised Cesàro summability*, J. London Math. Soc. (2) 2 (1970), 61–66.

44. *On absolute Borel-type methods of summability*, Proc. Amer. Math. Soc. 24 (1970), 85–89.

45. *On Abel-type methods of summability*, J. Reine Angew. Math. 247 (1971), 139–145. (With J.H. Rizvi).

46. *Convergence criteria for bounded sequences*, Proc. Edinburgh Math. Soc. (2) 19 (1972), 99–103.

47. *Divergence criteria for positive series*, Amer. Math. Monthly 79 (1972), 1104–1106. (With A. Meir).

48. *On strong summability*, J. Reine Angew. Math. 260 (1973), 119–126. (With J.H. Rizvi).

49. *Strict inclusion between strong and ordinary methods of summability*, J. Reine Angew. Math. 267 (1974), 166–174. (With F.P.A. Cass).

50. *Tauberian theorems for Borel-type methods of summability*, Canad. Math. Bull. 17 (1974), 167–173. (With E.F.M. Smet).

51. *A tauberian theorem for Borel-type methods of summability*, J. Reine Angew. Math. 273 (1975), 153–164. (With I.J.W. Robinson).

52. *Generalized strong summability of infinite series*, J. Reine Angew. Math. 276 (1975), 142–147. (With J.H. Rizvi).

53. *Equivalence of Riesz methods of summability*, J. London Math. Soc. (2) 13 (1976), 205–208. (With F.P.A. Cass).

54. *A tauberian theorem for Abelian summability methods*, J. Reine Angew. Math. 285 (1976), 75–76. (With B.B. Watson).

55. *On functional Cesàro and Hölder methods of summability*, Canad. J. Math. 28 (1976), 1058–1061. (With B.L.R. Shawyer).

56. *Addendum to "Tauberian theorems for Borel-type methods of summability"*, Canad. Math. Bull. 19 (1976), 245–246. (With E.F.M. Smet).

57. *On the zeros of the power series $\sum_{n=0}^{\infty}(-1)^n(1-c^{-n-1})^{-\kappa}z^n$ with an application to discontinuous Riesz summability*, Canad. Math. Bull. 19 (1976), 417–424. (With W. Kratz).

58. *Tauberian theorems for strong and absolute Borel-type methods of summability*, Canad. Math. Bull. 20 (1977), 161–172. (With E.F.M. Smet).

59. *On certain sequences of plus and minus ones*, Canad. J. Math. 30 (1978), 170–179. (With W. Gawronski).

60. *A sum of reciprocals of least common multiples*, Canad. Math. Bull. 20 (1978), 117–118.

61. *Tauberian theorems on a scale of Abel-type summability methods*, J. Reine Angew. Math. 298 (1978), 1–7. (With B.B. Watson).

62. *Translates of sequences in sets of positive measure*, Canad. Math. Bull. 21 (1978), 497–498. (With S.Z. Ditor).

63. *The Hausdorff moment problem*, Canad. Math. Bull. 21 (1978), 257–265; Corrections, 22 (1979), 128. (Solicited paper).

64. *Matrix operators on l_p*, Rocky Mountain J. Math. 9 (1979), 463–477. (With A. Jakimovski).

65. *On the relation between the logarithmic and Borel-type summability methods*, Canad. Math. Bull. 24 (2) (1981), 153–159. (With B.B. Watson).

66. *Weighted means, generalised Hausdorff matrices and the Borel property*, Acta Math. Acad. Sci. Hung. 37 (1981), 29–34. (With F.P.A. Cass).

67. *Tauberian conditions for the equivalence of weighted mean and power series methods of summability*, Canad. Math. Bull. 24 (1981), 309–316.

68. *Matrix transformations of weakly multiplicative sequences of random variables*, J. London Math. Soc. 23 (1981), 363–371.

69. *Generalization of the Hausdorff moment problem*, Canad. J. Math. 33 (1981), 946–960. (With A. Jakimovski).

70. *Tauberian theorems between the logarithmic and Abel-type summability methods*, Pacific J. Math. 101 (1982), 11–23. (With B.B. Watson).

71. *On summability factors for the strong Cesàro method for integrals*, Analysis 2 (1982), 7–42. (With K. Roberts).

72. *Transformations of certain sequences of random variables by generalized Hausdorff matrices*, Pacific J. Math. 107, 1 (1983), 11–23. (With A. Jakimovski).

73. *Generalized Hausdorff matrices as bounded operators on l_p*, Math. Z. 183 (1983), 483–487.

74. *Nörlund matrices as bounded operators on l_p*, Arch. Math. 42 (1984), 464–469. (With F.P.A. Cass).

75. *Conditions for inclusion between Nörlund summability methods*, Acta Math. Hung. 45, 1–2 (1985), 151–158. (With B. Thorpe).

76. *Convergence of lattice sums and Madelung's constant*, J. Math. Phys. 26 (11) (1985), 2999–3009. (With J. M. Borwein and K.F. Taylor).

77. *On Cesàro and Abel summability factors for integrals*, Canad. J. Math. 38, 2 (1986), 453–477. (With B. Thorpe).

78. *On absolute generalized Hausdorff summability*, Arch. Math. 46 (1986), 419–427. (With F.P.A. Cass and J.E. Sayre).

79. *A note on alternating series in several dimensions*, Amer. Math. Monthly 93, 7 (1986), 531–539. (With J.M. Borwein).

80. *On generalized Hausdorff matrices*, J. Approx. Theory 48, 4 (1986), 345–360. (With F.P.A. Cass and J.E. Sayre).

81. *A Tauberian theorem concerning weighted means and power series*, Math. Proc. Camb. Phil. Soc. 101 (1987), 283–286. (With A. Meir).

82. *Tauberian and other theorems concerning Dirichlet's series with non-negative coefficients*, Math. Proc. Camb. Phil. Soc. 102 (1987), 517–532.

83. *A Tauberian theorem concerning Borel-type and Cesàro methods of summability*, Canad. J. Math. 40, 1 (1988), 228–247. (With T. Markovich).

84. *On Cesàro and Borel-type summability*, Proc. Amer. Math. Soc. 103, 4 (1988) 1108–1112. (With T. Markovich).

85. *Energy of static electron lattices*, J. Phys. A; Math. Gen. 21 (1988), 1519–1531. (With J. M. Borwein, R. Shail and I.Z. Zucker).

86. *On relations between weighted mean and power series methods of summability*, J. Math. Analysis and Applications 139, 1 (1989), 178–186. (With W. Kratz).

87. *On strong generalized Hausdorff summability*, Acta. Math. Hung. 53, 1-2 (1989), 95–102. (With F.P.A. Cass and J.E. Sayre).

88. *Enumeration of partial injective transformations*, Discrete Math. 73 (1989), 291–296. (With S.A. Rankin and L.E. Renner).

89. *A Tauberian theorem concerning Dirichlet series*, Math. Proc. Camb. Phil. Soc, 105 (1989), 481–484.

90. *Analysis of certain lattices sums*, J. Math. Analysis and Applications 143 (1989), 126–137. (With J. M. Borwein and R. Shail).

91. *Tauberian theorems concerning Laplace transforms and Dirichlet series*, Arch. Math. 53 (1989), 352–362.

92. *An inclusion theorem for Dirichlet series*, Canad. Math. Bull. 32, 4 (1989), 479–481.

93. *Asymptotic relationships between Dirichlet series*, J. Math. Analysis and Applications 147, 2 (1990), 604–609.

94. *Fixed point iterations for real functions*, J. Math. Analysis and Applications 157 , 1 (1991), 112–126. (With J.M. Borwein).

95. *Weighted means and summability by the circle and other methods*, J. Approximation Theory 68 (1992), 49–55. (With T. Markovich).

96. *The non-local nature of the summability of Fourier series by certain absolute Riesz methods*, Proc. Amer. Math. Soc. 114 (1992), 89–94.

97. *A Tauberian theorem concerning Borel-type and Riesz summability methods*, Canad. Math. Bull. 35, 1 (1992), 14–20.

98. *Tauberian theorems concerning power series with non-negative coefficients*, Acta. Math. Hung. 59, 1-2 (1992), 85–89.

99. *Nörlund operators on l_p*, Canad. Math. Bull. 36, 1 (1993), 8–14.

100. *Generalized Hausdorff and weighted mean matrices as operators on l_p*, J. Math. Analysis and Applications 178 (1993), 517–528. (With X. Gao).

101. *An O-Tauberian theorem and a high indices theorem for power series methods of summability*, Math. Proc. Camb. Phil. Soc. 115 (1994), 365–375. (With W. Kratz).

102. *Weighted means and summability by generalized Nörlund and other methods*, J. Math. Analysis and Applications 184 (1994), 607–619. (With R. Kiesel).

103. *Matrix operators on l_p to l_q*, Canad. Math. Bull. 37, 4 (1994), 448–456. (With X. Gao).

104. *Matrix transformations of power series*, Proc. Amer. Math. Soc. 122 (1994), 511–523. (With A. Jakimovski).

105. *On some trigonometric and exponential lattice sums*, J. Math. Analysis and Applications 188 (1994), 209–218. (With J.M. Borwein).

106. *On an intriguing integral and some series related to $\zeta(4)$*, Proc. Amer. Math. Soc. 123 (1995), 1191–1198. (With J.M. Borwein).

107. *Explicit evaluation of Euler sums*, Proc. Edinburgh. Math. Soc. 38 (1995), 277–294. (With J.M. Borwein and R. Girgensohn).

108. *Matrix transformations of series of orthogonal polynomials*, Mathematika 42 (1995), 427–443. (With P. Borwein and A. Jakimovski).

109. *Giuga's conjecture on primality*, Amer. Math. Monthly 103 (1996), 40–50. (With J.M. Borwein, P. Borwein and R. Girgensohn).

110. *Approximate subgradients and coderivatives in $\mathbb{R}^n$*, Set-Valued Analysis 4 (1996), 375–398. (With J.M. Borwein and X. Wang).

111. *Convergence of Madelung-like lattice sums*, Trans. Amer. Math. Soc. 350 (1998), 3131–3167. (With J.M. Borwein and C. Pinner).

112. *Simple conditions for matrices to be bounded operators on l_p*, Canad. Math.Bull. 41 (1998), 10–14.

113. *A generalization of Hardy's inequality with applications*, Communications in Applied Analysis 2 (1998), 309–320. (With A. Jakimovski).

114. *A high indices Tauberian theorem*, Acta. Sci. Math. (Szeged) 64 (1998), 143–149. (With W. Kratz).

115. *Matrices that commute with certain Hausdorff matrices*, Analysis 18 (1998), 227–244. (With A. Jakimovski).

116. *Two Tauberian theorems for Dirichlet series methods of summability*, Acta. Sci. Math. (Szeged) 65 (1999), 139–168. (With J. Beurer and W. Kratz).

6

117. *Weighted mean operators on l_p*, Canad. Math. Bull. 43 (2000), 406–412.
118. *Surprise maximization*, Amer. Math. Monthly 107 (2000), 517–527. (With J.M. Borwein and P. Maréchal).
119. *Some remarkable properties of sinc and related integrals*, Ramanujan J. 5 (2001), 73–89. (With J.M. Borwein).
120. *One-sided Tauberian theorems for Dirichlet series methods of summability*, Rocky Mountain J. Math. 31 (2001), 797–830. (With W. Kratz and U. Stadtmüller).
121. *Refined convexity and special cases of the Blaschke-Santalo inequality*, Math. Inequalities and Applications 4 (2001), 631–638. (With J.M. Borwein, G. Fee and R. Girgensohn).
122. *Multi-variable sinc integrals and volumes of polyhedra*, Ramanujan J. 6 (2002), 189–208. (With J.M. Borwein and B.A. Mares Jr.).
123. *A one-sided Tauberian theorem for the Borel summability method*, J. Math. Analysis and Applications 293 (2004), 285–292. (With W. Kratz).
124. *Finding and excluding b-ary Machin-type individual digit formulae*, Can. J. Math. 56 (2004), 897–925. (With J.M. Borwein and W.F. Galway).
125. *Weighted convolution operators on ℓ_p*, Canad. Math. Bull. 48 (2005), no. 2, 175–179. (With W. Kratz).
126. *Parametric Euler sum identities*, J. Math. Analysis and Applications 316 (2006), no. 1, 328–338. (With D.M. Bradley and J.M. Borwein).
127. *On the dynamics of certain recurrence relations*, Ramanujan J. 13 (2007), no. 1-3, 63–101. (With J.M. Borwein, R. Crandall and R. Mayer).
128. *Van der Pol expansions of L-series*, Canad. Math. Bull. 50 (2007), no. 1, 11–23. (With J.M. Borwein).
129. *Hypergeometric forms for Ising-class integrals*, Experiment. Math. 16 (2007), no. 3, 257–276. (With D.H. Bailey, J.M. Borwein and R.E. Crandall).
130. *The evaluation of Bessel functions via exp-arc integrals*, J. Math. Analysis and Applications 341 (2008), no. 1, 478–500. (With J.M. Borwein and O-Y. Chan).
131. *Effective Laguerre asymptotics*, SIAM J. Numer. Anal. 46 (2008), no. 6, 3285–3312. (With J.M. Borwein and R.E. Crandall).
132. *Surprising sinc sums and integrals*, Amer. Math. Monthly 115 (2008), no. 10, 888–901. (With J.M. Borwein and R. Baillie).
133. *L_p norms and the sinc function*, Amer. Math. Monthly 117 (2010), no. 6, 528–539. (With J.M. Borwein and I.E. Leonard).
134. *Moments of Ramanujan's generalized elliptic integrals and extensions of Catalan's constant*, J. Math. Anal. Appl. 384 (2011), 478–496. (With J.M. Borwein, M.L. Glasser and J.G. Wan).
135. *A sinc that sank*, Amer. Math. Monthly 119 (2012), no. 7, 535–549. (With J.M. Borwein and A. Straub).

136. *On formulas for π experimentally conjectured by Jauregui-Tsallis*, J. Math. Physics 53 (2012), 073708 (15pp.) E-published September 2012. (With T. Amdeberhan, J.M. Borwein and A. Straub).

137. *Criteria for the sequence of differences of a bounded sequence to be null*, Bull. Aust. Math. Soc. Published on line September 17, 2012.

138. *Log-sine evaluations of Mahler measures, Part II*, INTEGERS, 12A (Selfridge memorial volume), (2012), #A5. DOI 10.1515/integers-2012-0035. Available at http://arxiv.org/abs/1103.3035. (With J.M. Borwein and A. Straub).

139. *On the solution of linear mean recurrences*, Amer. Math. Monthly. Accepted November 2012. (With J.M. Borwein and B. Sims).

140. *Eulerian log-gamma integrals and Tornheim-Witten zeta functions*, Ramanujan J. E-published, Feb. 2013. DOI: 10.1007/s11139-012-9427-1 (With D.H. Bailey and J.M. Borwein).

141. *Deriving new sinc results from old*, Amer. Math. Monthly. Accepted June 26, 2013. To appear 2014. (With J.M. Borwein)

142. *On lattice sums and Wigner limits*, (With J.M. Borwein, A. Straub and J. Wan,).

CONFERENCE PROCEEDINGS

143. *Generalization of the Hausdorff moment problem*, Nonlinear Analysis and Applications (1981), 33–37.

144. *The non-local nature of the summability of Fourier series by certain absolute Riesz methods*, Israel Math. Conf. Proc. 4 (1991), 69–72.

PUBLISHED INVITED BOOK REVIEWS

i. Review in Bull. Amer. Math. Soc. **42** (2005), 401–406 of *Tauberian theory, A century of developments*, by Jacob Korevaar.

ii. *Meandering in Euler's neighbourhood.* CMS Notes, November (2004), 6–7. Review of *Gamma, exploring Euler's constant* by Julian Havel.

iii. *A Miscellany for Mathematicians and others.* CMS Notes, September (2001), 3–4. Review of *Mathematical Conversations, Selections from The Mathematical Intelligencer* compiled by Robin Wilson and Jeremy Gray.

....
July 2013