

LIST OF PUBLICATIONS

1. *New proofs of Ramanujan's partition identities for moduli 5 and 7.* Journal of Number Theory **53** (1995), 144-159.
2. *Some values for the Rogers-Ramanujan continued fraction.* Canadian Journal of Mathematics **20** (1995), 1-18. (Joint paper with B. C. Berndt.)
3. *Ramanujan's explicit values for the classical theta-function.* Mathematika **42** (1995), 278-294. (Joint paper with B. C. Berndt.)
4. *On Ramanujan's cubic continued fraction.* Acta Arithmetica **73**, no. 4, (1995), 343-355.
5. *Ramanujan's class invariants and cubic continued fraction.* Acta Arithmetica **73**, no. 1, (1995), 67-85. (Joint paper with B. C. Berndt, and L.-C. Zhang.)
6. *On the equivalence of Ramanujan's partition identities and a connection with the Rogers-Ramanujan continued fraction.* Journal of Mathematical Analysis and Applications **198**, (1996), 111-120.
7. *Explicit evaluations of the Rogers-Ramanujan continued fraction.* Journal für die reine und angewandte Mathematik (Crelle) **480**, (1996), 141-159. (Joint paper with B. C. Berndt, and L.-C. Zhang)
8. *On Ramanujan-Gordon Quadratic Continued Fraction.* The Ramanujan Journal. **1** (1997), 75-90. (Joint paper with S.-S. Huang)
9. *Ramanujan's class invariants with applications to the values of q -continued fractions and theta functions.* Fields Institute Communications, **14** (1997), 37-53. (Joint paper with B.C. Berndt, and L.-C. Zhang)
10. *Ramanujan's class invariants, Kronecker's Limit Formula, and Modular Equations.* Transactions of the AMS. **349** (1997), no. 6, 2125-2173. (Joint paper with B. C. Berndt, and L.-C. Zhang)
11. *Ramanujan's singular moduli.* The Ramanujan Journal. **1** (1997), 53-74 (Joint paper with B. C. Berndt, and L.-C. Zhang)
12. *Ramanujan's Remarkable Product of Theta-functions.* Proceedings of the Edinburgh Mathematical Society. **40** (1997), Part 3, 583-612. (Joint paper with B. C. Berndt, and L.-C. Zhang)
13. *Ramanujan's association with radicals in India.* Amer. Math. Monthly. **104** (1997), 913-919 (Joint work with B. C. Berndt and L.-C. Zhang)

14. *Ramanujan's modular equations and the Atkin-Lehner Involutions.* Israel Journal of Mathematics. **103** (1998), 1–16 (Joint paper with M.-L. Lang)
15. *On Ramanujan's transformation formula for ${}_2F_1(1/3, 2/3; 1; z)$.* Mathematical Proceedings of the Cambridge Philosophical Society. **124** (1998), 193-204.
16. *Ramanujan's class invariants and Watson's empirical process.* Journal of London Mathematical Society, series 2, **57**, (1998), 545-561.
17. *Notes on Ramanujan's Singular Moduli.* The Proceedings of the Fifth Conference of the Canadian Number Theory Association, edited by R. Gupta and K.S. Williams, (1998), 7-16. (Joint paper with B.C. Berndt).
18. *Radicals and units in Ramanujan's work.* Acta Arithmetica. **87**, no. 2 (1998), 145-158. (Joint work with B.C. Berndt and L.C. Zhang)
19. *Eisenstein Series and $\sum_{m,n=-\infty}^{\infty} q^{m^2+mn+2n^2}$.* Proceedings of the American Mathematical Society. **127**, no. 6, (1999), 1735-1744. (Joint work with Y. L. Ong)
20. *The Rogers-Ramanujan continued fraction.* Journal of Computational and applied mathematics. **105**, (1999), 9-24. (Joint work with B.C. Berndt, S.S. Huang, S.Y. Kang, J. Sohn and S.H. Son)
21. *On explicit evaluations of the Rogers-Ramanujan continued fraction.* Contemporary Mathematics (AMS), vol. 236 (1999), 127-136. (Joint work with V. Tan)
22. *Ramanujan and the Modular j -invariant.* Canadian Mathematical Bulletin, vol. 42, no. 4, (1999), 427-440. (Joint work with B. C. Berndt)
23. *Cubic modular equations and new Ramanujan-type series for $1/\pi$.* Pacific J. Math.. vol. 192 (2000), 219-238. (Joint work with W.C. Liaw)
24. *On Russell-type modular equations.* The Canadian Journal of Mathematics, vol. 52 (2000), 31-46. (Joint work with W.C. Liaw)
25. *Incomplete elliptic integrals in Ramanujan's Lost Notebook.* Contemporary Mathematics (AMS) vol. 254 (2000), 79-126: Proceedings of a conference in honour of Professor Richard Askey. (Joint work with B.C. Berndt and S.S. Huang)
26. *Eisenstein Series in Ramanujan's Lost Notebook.* The Ramanujan Journal, vol. 4, no. 1 (2000), 81-114. (Joint work with B.C. Berndt, J.B. Sohn and S.H. Son)
27. *A page on Eisenstein Series and approximations to π from Ramanujan's Lost Notebook.* Illinois J. Math., vol. 45, no.1 (2001), 75-90. (Joint work with B.C. Berndt)

28. *On Ramanujan's quartic theory of elliptic functions.* J. Number Theory, vol. 88, no. 1, (2001), 129-156. (Joint work with B.C. Berndt and W.C. Liaw)
29. *Ramanujan's class invariant λ_n and a new class of series for $1/\pi$.* J. London Math. Soc., vol. 64, no.1, (2001), 93-106. (Joint work with W.C. Liaw and V. Tan)
30. *A certain quotient of eta-functions found in the Lost Notebook.* Pacific J. Math., vol. 202, no. 2, (2002), 267-304. (Joint work with B.C. Berndt, S.Y. Kang and L.C. Zhang)
31. *Ramanujan's elliptic functions to alternative bases and approximations to π ,* in Number Theory for the Millennium I (Proceedings of the Millennium Number Theory Conference, Champaign-Urbana, Illinois, May 2000), Bruce Berndt, et.al., editors, A.K. Peters Ltd, 2002.
32. *New Ramanujan-Kolberg type identities,* (with H.Hahn, R.P. Lewis, S.L. Tan), Mathematical Research Letters, 9, 801-811, (2002).
33. *Two quadratic iterations to π associated with elliptic functions to alternative bases,* (with K.S. Chua and P. Solé) Trans. Amer. Math. Soc. 355 (2003), 1505-1520.
34. *Cubic Singular Moduli, Ramanujan's class invariant λ_n and the explicit Shimura Reciprocity Law.* Pacific J. Math., 208, no. 1, 23-37 (2003) (joint work with A. Gee and V. Tan).
35. *A Quasi-theta Product in Ramanujan's Lost Notebook,* Math. Proc. Camb. Phil. Soc., to appear (joint work with B.C.Berndt and Alexandru Zaharescu).
36. *Representations of integers as sums of 32 squares,* (with K.S.Chua), The Ramanujan Journal, to appear.
37. *Analogues of Jacobi's inversion formula for the incomplete elliptic integral of the first kind* (with Z.G. Liu), Advances in Mathematics, 174, 69-88 (2003).
38. *7-modular lattices and a septic base Jacobi identity* (with K.S.Chua and P.Solé), J. Number Theory, to appear.
39. *Domb's numbers and Ramanujan-Sato type series for $1/\pi$,* preprint (with S.H. Chan and Z.G. Liu).
40. *Cranks and dissections in Ramanujan's Lost Notebook,* preprint (with B.C. Berndt, S.H. Chan and W.C. Liaw).
41. *Ramanujan and cranks,* preprint (with B.C. Berndt, S.H. Chan and W.C. Liaw).