

## Recent Research Activity

52. Some consequences of an identity of B. Gordon  
*Quaestiones Mathematicae* **26** (2003) 327-332
53. On Binary and Fibonacci compositions (with Arnold Knopfmacher)  
*Annales Univ. Sci. Budapest, Sect. Comp.* **22** (2003) 193-206
54. Some properties of overpartitions *JP Journal of Algebra, Number Theory and Applications* **3** (2003) 395-404
55. Remarks on Ramanujan's tau function (with K. U. Lu)  
*Bulletin of the Greek Mathematical Society* **48** (2003) 41-50
56. On two-color partitions *Util. Math.* **65** (2004) 193-200
57. Yet another proof of the infinitude of primes  
*Mathematical Gazette* **v.88** (2004) 263
58. An alternate proof of a congruence regarding Ramanujan's tau function  
*Rend. Circ. Mat. Palermo* (2) **53** (2004) 5-8
59. Some parity results regarding t-core partitions (with M. V. Subbarao)  
*Applications of Fibonacci Numbers* **v. 9** (2004) 201-211
60. On Dedekind sums and linear recurrences of order two  
*Fibonacci Quarterly* **42** (2004) 275-277
61. On Pell partitions (with Arnold Knopfmacher)  
*Fibonacci Quarterly* **42** (2004) 348-352
62. On the parity of the partition function  
*Fibonacci Quarterly* **42** (2004) 368-369
63. On partitions and sums of two squares *JP Journal of Algebra, Number Theory, and Applications* **4** (2004) 531-535
64. On the infinitude of primes of the form  $3k + 1$   
*Fibonacci Quarterly* **43** (2005) 29-30
65. Identities for the total number of parts in partitions of integers  
(with Arnold Knopfmacher) *Util. Math.* **67** (2005) 9-18
66. A Ramanujan congruence via two-color partitions  
*JP Journal of Algebra, Number Theory, and Applications* **8** (2005) 197-199

67. Some arithmetic properties of Bernoulli numbers  
*JP Journal of Algebra, Number Theory, and Applications* **8** (2005) 201-204
68. The Lucas triangle revisited  
*Fibonacci Quarterly* **43** (2005) 142-148
69. Some identities concerning partition functions and divisor sums  
*JP Journal of Algebra, Number Theory, and Applications* **8** (2005) 377-383
70. Some identities concerning overpartitions *JP Journal of Algebra, Number Theory, and Applications* **6** (2006) 27-31
71. On partitions and sums of squares  
(to appear in *JP Journal of Algebra, Number Theory and Applications*)
72. Compositions with parts constrained by the leading summand (with Arnold Knopfmacher) (to appear in *Ars Combinatoria*)
73. On sums of three squares (to appear in *Fibonacci Quart.*)
74. On the number of quadratic nonresidues (mod  $p$ ) that are not primitive roots (to appear in Proceedings of the Eleventh International Conference on Fibonacci Numbers and their Applications)
75. Some identities concerning self-conjugate partitions (to appear in *Util. Math.*)
76. On multi-color partitions with distinct parts (with Arnold Knopfmacher) (to appear in *Ars Combinatoria*)
77. On the total number of parts in various partitions (to appear in *J. Combinatorial Math. & Combinatorial Computing*)
78. On the parity of four partition-related functions (to appear in *South East Asian J. of Math. & Math. Sci.*)
79. A recursive formula for sums of squares (to appear in *Fibonacci Quarterly*)
80. On the number of primitive Pythagorean triangles with a given inradius (to appear in *Fibonacci Quarterly*)
81. Some properties of the inversion counting function (to appear in *Georgia J. Math.*)

- 82. Some identities concerning  $q_0(n), q(n), \bar{q}(n)$  (under review)
- 83. On Integer Triangles with 120 or 60 Degree Angles (under review)
- 84. A simply-obtained upper bound for  $q(n)$  (under review)