

**A Collection of Manuscripts
Related to The Fibonacci Sequence
edited by
V. E.Hoggatt, Jr. & M. Bicknell-Johnson**

Authors

Berzsenyi, George

Remarks on the Diophantine Equations $a^2 - ab + b^2 = c^2$, MRFS (1980) 34

Bicknell, Marjorie (Johnson, Marjorie Bicknell-) &

Hoggatt, V. E., Jr.

Collection of Manuscripts Related to The Fibonacci Sequence, A,

[18th Anniversary Volume, edited & prefaced by], MRFS (1980) iii

Matrix Generation of Fibonacci Identities for F_{2nk} , A, MRFS (1980) 114

Braverman, Jerome D. &

Toof, D. J.

Application of the Fibonacci Search Technique to Determine Optimal Sample
Size in a Bayesian Decision Problem, An, MRFS (1980) 137

Bruckman, Paul S.

Generalization of a Problem of Gould and Its Solution by a Contour Integral,
MRFS (1980) 82

Campbell, Paul. J. &

Moeller, C.

Secondary Fibonacci Sequences, MRFS (1980) 1

Cornish, William H.

Powers of Matrices and Recurrence Relations, MRFS (1980) 217

Dickerson, Loren L.

An Expansion of Golubev's 11 x 11 Magic Square of Primes To Its Maximum, 21,
MRFS (1980) 52

Fecke, Ralph

Convergence Properties of Linear Recursion Sequences, MRFS (1980) 223

Gellar, Ralph

Simultaneous Tribonacci Representations, MRFS (1980) 145

Grinstein, Louise S.

Pythagorean Triangles and Multiple Angles, MRFS (1980) 39

Hansen, Rodney T.

Exponential Generation of Basic Linear Identities, MRFS (1980) 61

Hines, Jerome

Theory of Extra Numerical Information Applied to the Fibonacci Sum,
MRFS (1980) 22

Hoggatt, Verner E., Jr. &

Bicknell-Johnson, M.

Collection of Manuscripts Related to The Fibonacci Sequence, A,

[18th Anniversary Volume, edited & prefaced by], MRFS (1980) iii

Matrix Generation of Fibonacci Identities for F_{2nk} , A, MRFS (1980) 114

Authors

Howell, John R.

Some Extensions of Properties of the Sequence of Fibonacci Polynomials,
MRFS (1980) 54

Kinney, Robert J.

Fibonacci Sequence Can Serve Physicians and Biologists, MRFS (1980) 210

Konvalina, John

Characterization of the Pythagorean Triples, A, MRFS (1980) 160

Krishna, H. V.

Divisibility Properties of a Generalized Fibonacci Sequence, MRFS (1980) 66

Identities of a Generalized Fibonacci Sequence, MRFS (1980) 65

Pythagorean Pentids, MRFS (1980) 67

Laquer, H. Turner

Values of Circulants with Integer Entries, MRFS (1980) 212

Malik, H. N. &

Qadir, A.

Break-up of Integers and Bracket Functions in Terms of Bracket Functions,
MRFS (1980) 172

Pseudo-Periodic Difference Equations, MRFS (1980) 176

Solution of Pseudo-Periodic Difference Equations, MRFS (1980) 179

McCarty, Carl P.

Coin Tossing and the r-Bonacci Numbers, MRFS (1980) 130

Mendelsohn, Paul, N.

Pentacci Numbers, The, MRFS (1980) 31

Minkus, Jerome

Circulants and Horadam's Sequences, MRFS (1980) 48

Moeller, Christopher &

Campbell, P. J.

Secondary Fibonacci Sequences, MRFS (1980) 1

Mohanty, S. P.

Class of Diophantine Equations, A, MRFS (1980) 186

Morrison, David R.

Stolarsky Array of Wythoff Pairs, A, MRFS (1980) 134

Pajunen, Seppo

On Primitive Weird Numbers, MRFS (1980) 162

Qadir, A. &

Malik, H. N.

Break-up of Integers and Bracket Functions in Terms of Bracket Functions,
MRFS (1980) 172

Pseudo-Periodic Difference Equations, MRFS (1980) 176

Solution of Pseudo-Periodic Difference Equations, MRFS (1980) 179

Rogers, D. G.

Triangular Arrays Associated with Some Partitions, MRFS (1980) 169

Russell, A. M.

Triangular Displays of Integers, MRFS (1980) 38

Authors

- Schweiger, F.
 Estimate for the Length of a Finite Jacobi Algorithm, An, MRFS (1980) 16
- Seeder, Susan C.
 Combinatorial Identities Derived from Units, MRFS (1980) 132
- Setteducati, Arthur F.
 Fibonacci Fever, MRFS (1980) 58
- Shallit, Jeffrey
 Triangle for the Bell Numbers, A, MRFS (1980) 69
- Singh, Kesar
 Fibonacci Concept: Extension to Real Roots of Polynomial Equations,
 MRFS (1980) 166
- Singmaster, David
 Divisibility of Binomial and Multinomial Coefficients by Primes and Prime
 Powers, MRFS (1980) 98
- Steiner, Ray
 On Fibonacci Numbers of the Form $x^2 + 1$, MRFS (1980) 208
- Sullivan, Jerry T.
 What a Difference a Difference Makes!, MRFS (1980) 46
- Surányi, János
 Divisibility Property Concerning Binomial Coefficients, A, MRFS (1980) 189
- Toof, David. J. &
 Braverman, J. D.
 Application of the Fibonacci Search Technique to Determine Optimal Sample
 Size in a Bayesian Decision Problem, An, MRFS (1980) 137
- Trigg, Avetta &
 Trigg, C. W.
 1979 and Associated Primes, MRFS (1980) 91
- Trigg, Charles W.
 Antimagic Pentagrams with Line Sums in Arithmetic Progression, $\Delta = 3$,
 MRFS (1980) 124
 Determinants Related to 1979, MRFS (1980) 89
 Miscellany of 1979 Curiosa, A, MRFS (1980) 87
 101 Faces of 1979, MRFS (1980) 88
 Powerful 1979, The, MRFS (1980) 93
 Reiterative Routines Applied to 1979, MRFS (1980) 90
 Two Families of Twelfth-Order Magic Squares, MRFS (1980) 127
- Trigg, Charles W. &
 Trigg, A.
 1979 and Associated Primes, MRFS (1980) 91
- Troué, Jacques
 Solution of the Recurrent Equation $u_{n+1} = 2u_n - u_{n-1} + u_{n-3}$, MRFS (1980) 18
- Van Leeuwen, Jan
 Reconsidering a Problem of M. Ward, MRFS (1980) 45

Authors

- Veluppillai, Manoranjitham
Equations $z^2 - 3y^2 = -2$ and $z^2 - 6x^2 = -5$, The, MRFS (1980) 45
- Vogel, Curtis R.
Proof that the Area of a Pythagorean Triangle is Never a Square, MRFS (1980) 43
- Wall, David W.
Conditions for $\Phi(N)$ to Properly Divide $N-1$, MRFS (1980) 205
- Weimer, Richard C.
Note on Ordering the Complex Numbers, A, MRFS (1980) 20
Primeness for the Gaussian Integers, MRFS (1980) 19
- Weisman, Carl S.
Divisibility Property of Binomial Coefficients, A, MRFS (1980) 57
- Winans, Charles F.
Fibonacci Series in the Decimal Equivalents of Fractions, The, MRFS (1980) 78
- Wulczyn, Gregory
Formation of Generalized F-L Identities of the Form
 $G(r)_s F_{kr+a} [(r)_s = r(r+1)\dots(r+s-1)]$, MRFS (1980) 192
Generalization of Some L. Carlitz Identities, A, MRFS (1980) 159
Generalized Fibonacci-Lucas Difference Equations, MRFS (1980) 202
- Yousif, Salah M.
Polynomial Fibonacci-Lucas Identities of the Form $\Sigma P(r)F_r$, MRFS (1980) 157
Generation of Fibonacci Numbers by Digital Filters, MRFS (1980) 75

Titles

- Antimagic Pentagrams with Line Sums in Arithmetic Progression, $\Delta = 3$, C. W. TRIGG,
MRFS (1980) 124
- Application of the Fibonacci Search Technique to Determine Optimal Sample Size in a
Bayesian Decision Problem, An, J. D. BRAVERMAN & D. J. TOOF,
MRFS (1980) 137
- Break-up of Integers and Bracket Functions in Terms of Bracket Functions,
H. N. MALIK & A. QADIR, MRFS (1980) 172
- Characterization of the Pythagorean Triples, A, J. KONVALINA, MRFS (1980) 160
- Circulants and Horadam's Sequences, J. MINKUS, MRFS (1980) 48
- Class of Diophantine Equations, A, S. P. MOHANTY, MRFS (1980) 186
- Coin Tossing and the r-Bonacci Numbers, C. P. McCARTY MRFS (1980) 130
- Collection of Manuscripts Related to The Fibonacci Sequence, A,
[18th Anniversary Volume, edited & prefaced by]
V. E. HOGGATT, Jr. & M. BICKNELL-JOHNSON, MRFS (1980) iii
- Combinatorial Identities Derived from Units, S. C. SEEDER, MRFS (1980) 132
- Conditions for $\Phi(N)$ to Properly Divide $N-1$, D. W. WALL, MRFS (1980) 205
- Convergence Properties of Linear Recursion Sequences, R. FECKE,
MRFS (1980) 223
- Determinants Related to 1979, C. W. TRIGG, MRFS (1980) 89

Titles

- Divisibility of Binomial and Multinomial Coefficients by Primes and Prime Powers,
D. SINGMASTER, MRFS (1980) 98
- Divisibility Properties of a Generalized Fibonacci Sequence,
H. V. KRISHNA, MRFS (1980) 66
- Divisibility Property Concerning Binomial Coefficients, A,
J. SURÁNYI, MRFS (1980) 189
- Divisibility Property of Binomial Coefficients, A, C. S. WEISMAN, MRFS (1980) 57
- Equations $z^2 - 3y^2 = -2$ and $z^2 - 6x^2 = -5$, The, M. VELUPILLAI, MRFS (1980) 71
- Estimate for the Length of a Finite Jacobi Algorithm, An, F. SCHWEIGER,
MRFS (1980) 16
- Expansion of Golubev's 11 x 11 Magic Square of Primes To Its Maximum, 21 x 21, An,
L. L. DICKERSON, MRFS (1980) 52
- Exponential Generation of Basic Linear Identities, R. T. HANSEN, MRFS (1980) 61
- Fibonacci Concept: Extension to Real Roots of Polynomial Equations, K. SINGH,
MRFS (1980) 166
- Fibonacci Fever, A. F. SETTEDUCATI, MRFS (1980) 58
- Fibonacci Sequence Can Serve Physicians and Biologists, R. J. KINNEY,
MRFS (1980) 210
- Fibonacci Series in the Decimal Equivalents of Fractions, The,
C. F. WINANS, MRFS (1980) 78
- Formation of Generalized F-L Identities of the Form $\Sigma(r)^s F_{kr+a}$, MRFS (1980) 192
- Generalization of a Problem of Gould and Its Solution by a Contour Integral,
P. S. BRUCKMAN, MRFS (1980) 82
- Generation of Fibonacci Numbers by Digital Filters, S. M. YOUSIF, MRFS (1980) 75
- Generalization of Some L. Carlitz Identities, A, G. WULCZYN, MRFS (1980) 159
- Generalized Fibonacci-Lucas Difference Equations, G. WULCZYN, MRFS (1980) 202
- Identities of a Generalized Fibonacci Sequence, H. V. KRISHNA, MRFS (1980) 65
- Matrix Generation of Fibonacci Identities for $F_{2^{nk}}$, A,
V. E. HOGGATT, Jr. & M. BICKNELL-JOHNSON, MRFS (1980) 114
- Miscellany of 1979 Curiosa, A, C. W. TRIGG, MRFS (1980) 87
- 1979 and Associated Primes, C. W. TRIGG & A. TRIGG, MRFS (1980) 91
- Note on Ordering the Complex Numbers, A, R. C. WEIMER, MRFS (1980) 20
- Observation Concerning Whitford's "Binet's Formula Generalized", An,
M. G. MONZINGO, MRFS (1980) 93
- On Fibonacci Numbers of the Form $x^2 + 1$, R. STEINER, MRFS (1980) 208
- On Primitive Weird Numbers, S. PAJUNEN, MRFS (1980) 162
- On the Distribution of Quadratic Residues, M. G. MONZINGO, MRFS (1980) 94
- 101 Faces of 1979, C. W. TRIGG, MRFS (1980) 88
- Pentacci Numbers, The, P. N. MENDELSON, MRFS (1980) 31
- Polynomial Fibonacci-Lucas Identities of the Form $\Sigma P(r)F_r$, G. WULCZYN,
MRFS (1980) 157
- Powerful 1979, The, C. W. TRIGG, MRFS (1980) 93
- Powers of Matrices and Recurrence Relations, W. H. CORNISH, MRFS (1980) 217
- Primeness for the Gaussian Integers, R. C. WEIMER, MRFS (1980) 19

Titles

- Proof that the Area of a Pythagorean Triangle is Never a Square, C. R. VOGEL,
MRFS (1980) 43
- Pseudo-Periodic Difference Equations, H. N. MALIK & A. QADIR, MRFS (1980) 176
- Pythagorean Pentids, H. V. KRISHNA, MRFS (1980) 67
- Pythagorean Triangles and Multiple Angles, L. S. GRINSTEIN, MRFS (1980) 39
- Reconsidering a Problem of M. Ward, J. VAN LEEUWEN, MRFS (1980) 45
- Reiterative Routines Applied to 1979, C. W. TRIGG, MRFS (1980) 90
- Remarks on the Diophantine Equations $a^2 \pm ab + b^2 = c^2$, G. BERZSENYI,
MRFS (1980) 34
- Secondary Fibonacci Sequences, P. J. CAMPBELL & C. MOELLER, MRFS (1980) 1
- Simultaneous Tribonacci Representations, R. GELLAR MRFS (1980) 145
- Solution of the Recurrent Equation $u_{n+1} = 2u_n - u_{n-1} + u_{n-3}$, J. TROUÉ, MRFS (1980) 18
- Solution of Pseudo-Periodic Difference Equations, H. N. MALIK & A. QADIR,
MRFS (1980) 179
- Some Extensions of Properties of the Sequence of Fibonacci Polynomials,
J.R. HOWELL, MRFS (1980) 54
- Stolarsky Array of Wythoff Pairs, A, D.R. MORRISON, MRFS (1980) 134
- Theory of Extra Numerical Information Applied to the Fibonacci Sum, J. HINES,
MRFS (1980) 22
- Triangular Arrays Associated with Some Partitions, D. G. ROGERS, MRFS (1980) 169
- Triangular Displays of Integers, A. M. RUSSELL, MRFS (1980) 38
- Triangle for the Bell Numbers, A, J. SHALLIT, MRFS (1980) 69
- Two Families of Twelfth-Order Magic Squares, C. W. TRIGG, MRFS (1980) 127
- Values of Circulants with Integer Entries, H. T. LAQUER, MRFS (1980) 212
- What a Difference a Difference Makes!, J. T. SULLIVAN, MRFS (1980) 46
- *****