

The Fibonacci Quarterly

THE OFFICIAL JOURNAL OF
THE FIBONACCI ASSOCIATION



VOLUME 17

NUMBER 4

CONTENTS

An Algorithm for Packing Complements of Finite Sets of Integers	<i>Gerald Weinstein</i>	289
Addenda to "Pythagorean Triples Containing Fibonacci Numbers: Solutions for $F_n^2 \pm F_k^2 = K^2$ "	<i>Marjorie Bicknell-Johnson</i>	293
Special Recurrence Relations Associated with the Sequence $\{w_n(a,b;p,q)\}$	<i>A. G. Shannon & A. F. Horadam</i>	294
On Some Extensions of the Wang-Carlitz Identity	<i>M. E. Cohen & H. Sun</i>	299
Representations of Integers in Terms of Greatest Integer Functions and the Golden Section Ratio	<i>V. E. Hoggatt, Jr., & Marjorie Bicknell-Johnson</i>	306
A Primer on Stern's Diatomic Sequence ..	<i>Christine & Robert Giuli</i>	318
Restricted Compositions II	<i>Leonard Carlitz</i>	321
Chebyshev and Fermat Polynomials for Diagonal Functions	<i>A. F. Horadam</i>	328
On Euler's Solution to a Problem of Diophantus ...	<i>Joseph Arkin, V. E. Hoggatt, Jr., & E. G. Straus</i>	333
Golden Mean of the Human Body	<i>T. Antony Davis & Rudolf Altevogt</i>	340
A Recurrence Relation for Generalized Multinomial Coefficients	<i>A. G. Shannon</i>	344
Generalized Fibonacci Numbers as Elements of Ideals	<i>A. G. Shannon</i>	347
A Generalization of Hilton's Partition of Horadam's Sequences	<i>A. G. Shannon</i>	349
Degeneracy of Transformed Complete Sequences	<i>Graham Lord & Herve G. Morin</i>	358
Finding the General Solution of a Linear Diophantine Equation	<i>Susumu Morito & Harvey M. Salkin</i>	361
Elementary Problems and Solutions	<i>Edited by A. P. Hillman</i>	369
Advanced Problems and Solutions ...	<i>Edited by Raymond E. Whitney</i>	374
Index of Advanced Problems		379
Volume Index		380

DECEMBER

1979