

THE FIBONACCI QUARTERLY

THE OFFICIAL JOURNAL OF
THE FIBONACCI ASSOCIATION

VOLUME 9



NUMBER 5

CONTENTS

PART I — ADVANCED

Reduction Formulas for Fibonacci Summations	<i>L. Carlitz</i>	449
On the Coefficients of a Generating Series	<i>M. Beresin, E. Levine, and D. Lubell</i>	467
On Generalized Bases for Real Numbers	<i>J. L. Brown, Jr.</i>	477
On Moduli for which the Fibonacci Sequence Contains a Complete System of Residues	<i>S. A. Burr</i>	497
Combinations and Their Duals	<i>C. A. Church, Jr.</i>	505
Advanced Problems and Solutions	<i>Edited by Raymond E. Whitney</i>	512

PART II — ELEMENTARY

The Sum of the First n Positive Numbers — Geometrically	<i>Frederick Stern</i>	526
Some Striking Proportions in the Music of Bela Bartók	<i>Edward A. Lowman</i>	527
A Primer for the Fibonacci Numbers: Part IX	<i>Marjorie Bicknell and Verner E. Hoggatt, Jr.</i>	529
A Fibonacci Crostic	<i>Marjorie Bicknell</i>	538
A Polynomial Representation of Fibonacci Numbers	<i>David Beverage</i>	541
Elementary Problems and Solutions	<i>Edited by A. P. Hillman</i>	545
Volume Index		552

DECEMBER

1971