IDENTITIES FOR PRODUCTS OF FIBONACCI AND LUCAS NUMBERS

Nov. 1967

REFERENCES

- I. D. Ruggles, "Some Fibonacci Results Using Fibonacci-Type Sequences," <u>The Fibonacci Quarterly</u>, Vol. 1, No. 2 (1963), p. 77.
- Solution to Problem B-22, "Lucas Analogues," <u>The Fibonacci Quarterly</u>, Vol. 2, No. 1 (1964), p. 78.
- Sheryl B. Tadlock, "Products of Odds," <u>The Fibonacci Quarterly</u>, Vol. 3, No. 1 (1965), pp. 54-56.

All subscription correspondence should be addressed to Brother Alfred Brousseau, St. Mary's College, Calif. All checks (\$1.00 per year) should be made out to the Fibonacci Association or the Fibonacci Quarterly. Manuscripts intended for publication in the Quarterly should be sent to V. E. Hoggatt, Jr., Mathematics Department, San Jose State College, San Jose, Calif. All manuscripts should be typed, double-spaced. Drawings should be made the same size as they will appear in the Quarterly, and should be done in India ink on either vellum or bond paper. Authors should keep a copy of the manuscript sent to the editors.

To the Editor:

The lemma proven by M. Bicknell and V. E. Hoggatt, Jr. in 'Fibonacci Matrices and Lambda Functions', The Fibonacci Quarterly, Vol. 1 (April 1963), page 49 was essentially established in my note 'Theorem on Determinants', Mathematics Magazine Vol. 34 (September 1961), page 328. Namely, 'If the difference of each pair of corresponding elements of any two columns (rows) of a determinant are equal, then any quantity may be <u>added</u> to each element of the determinant without changing its value.'

Charles W. Trigg

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