

MATRIX AND OTHER SUMMATION TECHNIQUES FOR PELL POLYNOMIALS

10. Bro. J. M. Mahon & A. F. Horadam. "Inverse Trigonometrical Summation Formulas Involving Pell Polynomials." *The Fibonacci Quarterly* 23, no. 4 (1985):319-324.
11. M. E. Waddill. "Some Generalizations and Extensions of the Fibonacci Sequence." Ph.D. Dissertation, The University of Pittsburgh, 1962.



LETTER TO THE EDITOR



July 1, 1986

Over the years, several articles have appeared in *The Fibonacci Quarterly* relating the Fibonacci numbers to growth patterns in plants. Recently, Roger V. Jean, Professor of Mathematics and research worker in biomathematics at the University of Quebec has written the book *Mathematical Approach to Pattern and Form in Plant Growth* (Wiley & Sons), which should interest many readers of the *Quarterly*.

Dr. Jean addresses the mathematical problems raised by phyllotaxis, the study of relative arrangements of similar parts of plants and of technical concepts related to plant growth. He includes not only recent mathematical developments but also those that have appeared in specialized periodicals since 1830, listing well over 400 references. The book is written as a textbook for an advanced course in plant biology and mathematics or as a reference for workers in biomathematics. Besides that, it is just plain interesting reading.

Sincerely,

Marjorie Bicknell-Johnson

