Owen J. Brison and J. Eurico Nogueira Matrices and linear recurrences in finite fields, Fibonacci Quart. 44 (2006), no. 2, 103–108

## Abstract

Linear recurring sequences of order k are investigated using matrix techniques and some finite group theory. An identity, well-known when k = 2, is extended to general k and is used to study the restricted period of a linear recurring sequence over a finite field.