Aram Tangboonduangjit and Thotsaporn Thanatipanonda Determinants of Rising Powers of Second Order Linear Recurrence Entries by Means of the Desnanot-Jacobi Identity, Fibonacci Quart. **54** (2016), no. 4, 340–343.

Abstract

We apply the Desnanot-Jacobi identity to give an alternative proof of the determinants whose entries are rising powers of the Fibonacci numbers given by Prodinger. We then generalize the determinants to include entries that are rising powers of the terms in a second order linear recurrence.