Vichian Laohakosol and Kantaphon Kuhapatanakul, Reciprocal Sums of Generalized Second Order Recurrence Sequences, Fibonacci Quart. 46/47 (2008/2009), no. 4, 316–325.

Abstract

In this paper we extend a theorem of Hu, Sun, and Liu on reciprocal sums of second order recurrence sequences with constant coefficients to reciprocal sums of second order recurrence sequences with non-constant coefficients. Our generalization has applications to continued fractions.