

Emrah Kilic, Ilker Akkus, and Helmut Prodinger
A proof of a conjecture of Melham,
Fibonacci Quart. **48** (2010), no. 3, 241–248.

Abstract

In this paper, we consider Melham's conjecture involving Fibonacci and Lucas numbers. After rewriting it in terms of Fibonomial coefficients, we give a solution of the conjecture by evaluating a certain q -sum using contour integration.