## Arthur T. Benjamin, Naiomi T. Cameron and Jennifer J. Quinn Fibonacci determinants - a combinatorial approach, Fibonacci Quart. 45 (2007), no. 1, 39-55.


#### Abstract

In this paper, we provide combinatorial interpretations for some determinantal identities involving Fibonacci numbers. We use the method due to Lindström-Gessel-Viennot in which we count nonintersecting $n$-routes in carefully chosen digraphs in order to gain insight into the nature of some well-known determinantal identities while allowing room to generalize and discover new ones.


