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On an ‘Uncounted’ Fibonacci Identity and its q -Analogue,
Fibonacci Quart. **46/47** (2008/2009), no. 1, 73–78.

Abstract

In [1], Benjamin and Quinn offer several nontrivial Fibonacci identities which are, in their words, ‘in need of combinatorial proof’. In this article, we give a combinatorial proof of one of these identities. Our combinatorial proof offers insight as to how to produce a q -Fibonacci generalization of this result as well.