

Title: Combinatorial Proofs of Fibonomial Identities

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Abstract:

In 2011, Bruce Sagan and Carla Savage derived two very nice combinatorial interpretations of Fibonomial coefficients in terms of tilings created by lattice paths. We believe that this interpretation should lead to combinatorial proofs of Fibonomial identities. We provide a list of simple looking identities that are still in need of combinatorial proof.