

1043-05-58

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WY 160014, India. *Infinite matrix theoretic interpretations of Gollnitz-Gordon analytic identities.*

Using a bijection of the author we provide combinatorial interpretations of the Gollnitz-Gordon identities. The method we use is a synthesis of analytic and combinatorial techniques and illustrates how nicely two different branches of mathematics can interact in providing proofs of new results. (Received August 14, 2008)