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RANKS FOR A FUNCTION RELATED TO OVERPARTITIONS.

In a recent paper, K. Bringmann and J. Lovejoy investigated the role that the rank of overpartition pairs plays in the congruence properties of overpartitions. Rank differences and congruences for overpartition pairs modulo 3 were established. In another paper by Lovejoy and R. Osburn, interesting results for rank differences for overpartitions modulo 3 and 5 were presented.

In this talk, we discuss a function that is closely related to the overpartitions. Similar properties exist for the associated ranks. (Received February 02, 2009)