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ON CONVOLUTION AND BINOMIAL SUMS OF BALANCING AND LUCAS BALANCING NUMBERS

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Abstract

Some interesting convolutions and binomial sums involving the terms from balancing and Lucas-balancing sequences and expressed them in terms of B_n and C_n .

Key Words : Balancing numbers, Lucas balancing numbers and Binet formula. 2010 AMS Subject Classification : 11 B 39.

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