

ON BELL POLYNOMIALS ASSOCIATED TO VASYUNIN COTANGENT SUMS

Samir Belhadj and Mouloud Goubi

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ABSTRACT. The present work is focused on the study of a cotangent sum associated to the zeros of the Estermann zeta function and Riemann zeta function. We use Bell polynomials and generating functions approach to give arithmetical proof of its Dirichlet series different from that given by M. Th. Rassias.

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Samir Belhadj

Department of Analysis
Faculty of Mathematics
USTHB University
16000, Algiers, Algeria
LMPA Laboratory UMMTO Tizi-Ouzou
e-mail: samir.belhadj@ummto.dz

Mouloud Goubi (Corresponding Author)

Department of Mathematics
Faculty of Science
UMMTO University
15000 Tizi-ouzou, Algeria
LATN Laboratory USTHB Algiers
e-mail: mouloud.goubi@ummto.dz