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About Bernstein polynomial and the Stirling's numbers of second type

OVIDIU T. POP AND MIRCEA FARCAȘ

ABSTRACT. In this paper we want to determine the coefficients of Bernstein polynomial associated to the functions $e_k(x) = x^k$, $k \in \mathbb{N}$ as well as the degree of this polynomial.

OVIDIU T. POP
VEST UNIVERSITY "VASILE GOLDIȘ" OF ARAD
BRANCH OF SATU MARE
MIHAI VITEAZU 26, 440030 SATU MARE, ROMANIA
E-mail address: ovidiutiberiu@yahoo.com

MIRCEA FĂRCAȘ
NATIONAL COLLEGE "MIHAI EMINESCU"
MIHAI EMINESCU 5, 440014 SATU MARE, ROMANIA
E-mail address: mirceafarcas2005@yahoo.com