Coefficient estimates on general compact sets

By VILMOS TOTIK (Szeged)

Abstract. This paper deals with best possible estimates for the coefficients of polynomials in terms of the supremum norm of the polynomials on a given compact subset K of the plane. The results solve a problem of D. Dauvergne.

VILMOS TOTIK
MTA-SZTE ANALYSIS AND
STOCHASTICS RESEARCH GROUP
BOLYAI INSTITUTE
UNIVERSITY OF SZEGED
ARADI V. TERE 1
SZEGED 6720
HUNGARY

AND

DEPARTMENT OF MATHEMATICS
AND STATISTICS
UNIVERSITY OF SOUTH FLORIDA
4202 E. FOWLER AVE, CMC342
TAMPA, FL 33620-5700
USA