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Remez-Type Inequalities in Terms of Linear Measure

CMFT 5 No.2 (2005), 347–363. [ISSN 1617-9447]

Abstract. We obtain sharp uniform bounds for an exponential Q of a logarithmic potential on a quasi-smooth curve (in the sense of Lavrentiev) in terms of the linear measure of the subset of that curve on which Q is bounded by 1.

Keywords. Remez inequality, exponential of a potential, polynomial, Green's function, quasi-smooth curve, symmetrization.

2000 MSC. 30C10, 30C15, 41A10.

Received. July 20, 2005.