

Partyka, Dariusz

Approximation of the Hersch-Pfluger distortion function. (English) Zbl 0793.30013

Ann. Acad. Sci. Fenn., Ser. A I, Math. 18, No. 2, 343-354 (1993).

This paper aims at giving a method of approximating the distortion function Φ_K by means of elementary functions. As a consequence, new bounds for the function Φ_K are established. Moreover, the n -dimensional counterpart $\Phi_{K,n}$ of Φ_K , $n = 2, 3, \dots$ is considered.

Reviewer: D.Partyka

MSC:

[30C62](#) Quasiconformal mappings in the complex plane

[41A25](#) Rate of convergence, degree of approximation

Cited in **1** Review
Cited in **1** Document

Keywords:

distortion function

Full Text: [EuDML](#) [EMIS](#)