

## ON THE UNIFORM CONVERGENCE OF SINE, COSINE AND DOUBLE SINE-COSINE SERIES

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### Abstract

In this paper we define new classes of sequences  $GM(\beta, r)$  and  $DGM(\alpha, \beta, \gamma, r)$ . Using these classes we generalize and extend the P. Kórus results concerning the uniform convergence of sine, cosine and double sine-cosine series, respectively.

**Keywords:** sine series, cosine series, double sine-cosine series, uniform convergence, generalized monotonicity.

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