

## ON THE SPEED OF APPROXIMATION IN THE CLASSES OF $\overline{\Psi}$ -INTEGRALS

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**Abstract.** The concept of the  $\overline{\Psi}$ -integrals introduced by A. I. Stepanets who has brought a new perspective in the theory of Fourier series, especially in approximation theory. The main objective of this study is to get the speed of approximation to the functions of the class  $\overline{\Psi}$ -integrals by generalized Zygmund sums, Woronoi-Nörlund and Riesz means, responding to the solution of the Kolmogorov-Nikol'skii problem under the uniform norm.

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