

ESTIMATES FOR KOLMOGOROV WIDTHS OF THE
NIKOL'SKII–BESOV–AMANOV CLASSES IN THE LORENTZ SPACE

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The Lorentz space with anisotropic norm of periodic functions of several variables is considered. Estimate for the Kolmogorov widths of the Nikol'skii–Besov–Amanov classes in the Lorentz space with anisotropic norm are found.

Keywords: Lorentz space, Nikol'skii–Besov class, Kolmogorov width.

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