

**NONORTHOGONAL HARMONIC WAVELETS AND THEIR APPLICATION TO
THE SOLUTION OF THE NEUMANN PROBLEM****G. A. Dubosarskii**

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We construct harmonic wavelets and give a bound for the convergence rate of their partial sums in the spaces of harmonic functions introduced in the paper. These wavelets can be used for the solution of the Neumann problem.

Keywords: Neumann problem, harmonic wavelets, basis of spaces of harmonic functions.

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