

## NEW ESTIMATIONS OF THE SOLUTIONS OF MULTIDIMENSIONAL INTEGRAL INEQUALITIES

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*Abstract.* In this paper new general estimations of integral inequalities of Volterra's type as some special estimations based on the Bessel function are given.

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*Key words and phrases:* Integral inequalities, integral inequations of Volterra's type, Bessel function, Bellman-Gronwall lemma.

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