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Improvement of the Non-uniform Version of Berry-Esseen Inequality Via Paditz-Siganov Theorems

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Abstract: We improve the constant in a non-uniform bound of the Berry-Esseen inequality without assuming the existence of the absolute third moment by using the method obtained from the Paditz-Siganov theorems. Our bound is better than the results of Thongtha and Neammanee in 2007 ([14]).



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