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Approximation of B -Continuous and B -Differentiable Functions by GBS Operators Defined by Infinite Sum

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Abstract: In this paper we start from a class of linear and positive operators defined by infinite sum. We consider the associated GBS operators and we give an approximation of B -continuous and B -differentiable functions with these operators. Through particular cases, we obtain statements verified by the GBS operators of Mirakjan-Favard-Szász, Baskakov and Meyer-König and Zeller.



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