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On the mean square error of the bivariate operator of Stancu type

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ABSTRACT. In this paper we defined the Stancu bivariate operator obtained by the tensorial product of parametric extensions (1.5) and (1.6). In the last part of the paper is established quantitative estimations of a function $f \in C([0, 1] \times [0, 1])$ by the polynomial (1.7).

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