

## GENERALIZED OSTROWSKI-TYPE INEQUALITIES FOR $s$ -CONVEX FUNCTIONS ON THE COORDINATES VIA FRACTIONAL INTEGRALS

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*Abstract.* We established some new fractional integral inequalities of Ostrowski-type for functions of two independent variables whose second order mixed partial derivatives in absolute value to some powers are  $s$ -convex on the coordinates. These results are obtained by using generalized Katugampola-type fractional integrals for functions of two independent variables. Our results generalizes some results in the literature.

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