

SOME GENERALIZED OSTROWSKI TYPE INEQUALITIES
INVOLVING LOCAL FRACTIONAL INTEGRALS AND
APPLICATIONS

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Abstract

In this study, we establish the generalized Ostrowski type inequality involving local fractional integrals on fractal sets R^α ($0 < \alpha \leq 1$) of real line numbers. Some applications for special means of fractal sets R^α are also given. The results presented here would provide extensions of those given in earlier works.

Keywords: Generalized Ostrowski inequality, Generalized Hölder's inequality, Generalized convex functions.

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