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3.4

Some Grüss-type inequalities using generalized Katugampola fractional integral

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The main objective of this paper is to obtain a generalization of some Grüss-type inequalities in case of functional bounds by using a generalized Katugampola fractional integral. We obtained new Grüss type inequalitys with functional bounds via the generalized fractional integral operators having same and different parameters. Results obtained are more generalized in nature.

Keywords: Grüss inequality, generalized fractional integral

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