

Post-quantum Ostrowski type integral inequalities for functions of two variables

Muhammad Aamir Ali¹, Hüseyin BUDAK², and Ifra Bashir Sial³

¹Nanjing Normal University School of Mathematical Sciences

²Duzce University

³Jiangsu University

August 2, 2021

Abstract

In this study, we give the notions about some new post-quantum partial derivatives and then use these derivatives to prove an integral equality via post-quantum double integrals. We establish some new post-quantum Ostrowski type inequalities for differentiable coordinated functions using the newly established equality. We also show that the results presented in this paper are the extensions of some existing results.

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