

Post quantum Ostrowski-type inequalities for coordinated convex functions

Fongchan Wannalookkhee¹, Kamsing Nonlaopon¹, S.K. Ntouyas², and Huseyin Budak³

¹Khon Kaen University Faculty of Science

²University of Ioannina

³Duzce University

October 4, 2021

Abstract

In this article, we give a new notion of (p,q) -derivatives for continuous functions on coordinates. We also derive post quantum Ostrowski-type inequalities for coordinated convex functions. Our significant results are considered as the generalizations of other results that appeared in the literature.

Hosted file

Ostrowski.pdf available at <https://authorea.com/users/439267/articles/540269-post-quantum-ostrowski-type-inequalities-for-coordinated-convex-functions>

Hosted file

Ostrowski.tex available at <https://authorea.com/users/439267/articles/540269-post-quantum-ostrowski-type-inequalities-for-coordinated-convex-functions>