

บทความ A New Approach to Hyers-Ulam Stability of r -Variable Quadratic Functional Equations

ถูกอ้างอิงใน วารสารที่อยู่ในฐานข้อมูลที่ถูกยอมรับ 1 ครั้ง (30 Mar 2023)

The screenshot shows a Google Scholar search result for the article "A New Approach to Hyers-Ulam Stability of r -Variable Quadratic Functional Equations". The search criteria are set to "Articles" and "Any time". The article is listed with its title, authors (R.K. Sharma, S. Chandok), and the journal "International Journal of Mathematics and ...". The abstract snippet reads: "In this manuscript, we study the properties and equivalence results for different forms of quadratic functional equations. Using the Brzdęk and Ciepliński fixed-point approach, we ...". The article is published on hindawi.com. The browser's address bar shows the URL: https://scholar.google.com/scholar?as_ylo=2023&hl=en&as_sdt=2005&cites=11226958359734394149&scipsc=. The Windows taskbar at the bottom shows the date as 4/19/2023 and the time as 11:24 PM.

International Journal of Mathematics and Mathematical Sciences

- Journal overview
- For authors
- For reviewers
- For editors
- Table of Contents
- Special Issues

International Journal of Mathematics and Mathematical Sciences / 2023 / Article

On this page
Abstract
Introduction
Preliminaries
Conclusion
Data Availability
Conflicts of Interest
References
Copyright
Related Articles

Research Article | Open Access

Volume 2023 | Article ID 1721273 | https://doi.org/10.1155/2023/1721273

Show citation

Equivalence for Various Forms of Quadratic Functional Equations and Their Generalized Hyers–Ulam–Rassias Stability

Ravinder Kumar Sharma¹ and Sumit Chandok¹

Show more

Academic Editor: Bikash Koli Dey

Received	Revised	Accepted	Published
01 Jul 2022	06 Nov 2022	18 Nov 2022	30 Mar 2023

Abstract

In this manuscript, we study the properties and equivalence results for different forms of quadratic functional equations. Using the Brzdęk and Ciepliński fixed-point approach, we investigate the generalized Hyers–Ulam–Rassias stability for the 3-variables quadratic functional equation in the setting of 2-Banach space. Also, we obtain some hyperstability results for the 3-variables quadratic functional equation. The results obtained in this paper extend several known results of the literature to the setting of 2-Banach space.

1. Introduction

PDF

Download Citation

Download other formats

Order printed copies

Views: 73
Downloads: 76

Citations: 0

Twitter LinkedIn Facebook WhatsApp Email

Related articles

Image-Guided Abdominal Surgery and Therapy Delivery

Robert L. Galloway | S. Duke Herrell | Michael I. Miga



Source details

Feedback > Compare sources >

Journal of Function Spaces

Formerly known as: [Journal of Function Spaces and Applications](#)

Open Access ⓘ

Scopus coverage years: from 2014 to Present

Publisher: Hindawi

ISSN: 2314-8896 E-ISSN: 2314-8888

Subject area: [Mathematics: Analysis](#)

Source type: Journal

[View all documents >](#) [Set document alert](#) [Save to source list](#)

CiteScore 2021
2.4 ⓘ

SJR 2021
0.365 ⓘ

SNIP 2021
0.714 ⓘ

CiteScore CiteScore rank & trend Scopus content coverage

i Improved CiteScore methodology
CiteScore 2021 counts the citations received in 2018-2021 to articles, reviews, conference papers, book chapters and data