



# Iranian Journal of Mathematical Sciences and Informatics

Tue, Jun 18, 2024 [[Archive](#)]

Remember me

[Create Account](#)

[Reset Password](#)

- 
- [Home](#)
  - [Journal Information](#)
    - [About the Journal](#)
    - [Editorial Board & Advisory Board](#)
    - [Aims & Scopes](#)
    - [Publication Ethics](#)
  - [Articles archive](#)
    - [All Issues](#)
    - [Current Issue](#)
    - [Accepted Papers](#)
    - [ویژه نامه فارسی](#)
  - [For Authors](#)
  - [For Reviewers](#)
    - [Reviewers Section](#)
  - [Registration](#)
    - [Registration Form](#)
  - [Contact us](#)
  - [Webmail](#)

**Volume 17, Issue 1 (4-2022)**

[IJMSI 2022, 17\(1\): 135-144](#) | [Back to browse issues page](#)

**Related Websites**

## [Some New Uniqueness Results of Solutions for Fractional Volterra-Fredholm Integro-Differential Equations](#)

[A. Hamoud](#)  , [K. Ghadle](#)  

### Abstract:

This paper establishes a study on some important latest innovations in the uniqueness of solution for Caputo fractional Volterra-Fredholm integro-differential equations. To apply this, the study uses Banach contraction principle and Bihari's inequality. A wider applicability of these techniques are based on their reliability and reduction in the size of the mathematical work.

**Keywords:** [Caputo fractional derivative](#), [Volterra-Fredholm integro-differential equation](#), [Banach contraction principle](#), [Bihari's inequality](#).

**Full-Text [PDF 326 kb]**

Type of Study: [Research paper](#) | Subject: [Special](#)

Add your comments about this article : Your username or Email:






### Rights and permissions



This work is licensed under a [Creative Commons Attribution-NonCommercial 4.0 International License](#).


- [Yektaweb Company](#)

### Site Keywords

Tarbiat Modares, Mathematical, Informatics, ACECR, Iranian Journal

Vote






 [10.52547/ijmsi.17.1.135](https://doi.org/10.52547/ijmsi.17.1.135)



### Download citation:

[BibTeX](#) | [RIS](#) | [EndNote](#) | [Medlars](#) | [ProCite](#) | [Reference Manager](#) | [RefWorks](#)

### Send citation to:

 [Mendeley](#)  [Zotero](#)  
 [RefWorks](#)

Hamoud A, Ghadle K.  
Some New Uniqueness Results of Solutions for Fractional Volterra-Fredholm Integro-Differential Equations. IJMSI 2022; 17 (1) :135-144

URL: <http://ijmsi.ir/article-1-1366-en.html>

Designed & Developed by : [Yektaweb](#)