scientific reports



OPEN

Published online: 08 January 2024

Retraction Note: A fractional order nonlinear model of the love story of Layla and Majnun

Zulgurnain Sabir & Salem Ben Said

Retraction of: Scientific Reports https://doi.org/10.1038/s41598-023-32497-5, published online 03 April 2023

The Editors have retracted this Article because of concerns regarding the originality and scientific validity of this work.

An investigation conducted after its publication confirmed that it contains material that substantially overlaps with¹. Furthermore, concerns were raised about nonsensical content. The Editors therefore no longer have confidence in the research presented in this work.

Both Authors disagree with the retraction.

Reference

1. Sabir, Z. & Guirao, J. L. G. A soft computing scaled conjugate gradient procedure for the fractional order Majnun and Layla romantic story. *Mathematics* 11(4), 835 (2023).

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit http://creativecommons.org/licenses/by/4.0/.

© The Publisher 2024

nature portfolio