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Retraction: FEM analysis of the impact of surface undulations on the natural convective flow of viscous fluid in a permeable trapezoidal enclosure

Frontiers Editorial Office*

A Retraction of the Original Research Article

[FEM analysis of the impact of surface undulations on the natural convective flow of viscous fluid in a permeable trapezoidal enclosure](#)

by Bilal S, Khan NZ and Eldin SM (2023). *Front. Phys.* 11:1153645. doi: [10.3389/fphy.2023.1153645](https://doi.org/10.3389/fphy.2023.1153645)

The journal retracts the 5/11/2023 article cited above.

Following publication, concerns were raised regarding the quality of the study. An investigation was conducted in accordance with Frontiers' policies and found evidence of manipulation of the peer review process.

Frontiers conducted a post-publication assessment of the article, which concluded that the article does not meet the standards of publication of Frontiers in Physics.

This retraction was approved by the Chief Editors of Frontiers in Physics and the Chief Executive Editor of Frontiers. The authors do not agree to this retraction.