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Retraction Note: Second-order convergence analysis for Hall effect and electromagnetic force on ternary nanofluid flowing via rotating disk

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Retraction of: *Scientific Reports* <https://doi.org/10.1038/s41598-022-23561-7>, published online 05 November 2022

The Editors have retracted this Article.

After publication concerns were raised about the use of nonsensical phrases, the citation of references that are not relevant and contribution to authorship. The authors have not provided satisfactory responses to these concerns. The Editors therefore no longer have confidence in the results and conclusions presented.

Md. Shamshuddin and Rabha W. Ibrahim have not explicitly confirmed whether they agree or disagree with this retraction. Faisal Shahzad, Wasim Jamshed, Sayed M. El Din, Zehba Raizah and Adnan have not responded to correspondence from the Editors about this retraction.



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