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Retraction Note: A brief comparative examination of tangent hyperbolic hybrid nanofluid through a extending surface: numerical Keller–Box scheme

Wasim Jamshed, M. Prakash, S. Suriya Uma Devi, Rabha W. Ibrahim, Faisal Shahzad, Kottakkaran Soopy Nisar, Mohamed R. Eid, Abdel-Haleem Abdel-Aty, M. Motawi Khashan & I. S. Yahia

Retraction of: *Scientific Reports* <https://doi.org/10.1038/s41598-021-03392-8>, published online 15 December 2021

The Editors have retracted this Article.

After publication concerns were raised about the originality of the work presented. Investigation has shown significant overlap with other sources, notably^{1–3}. The Editors therefore consider this article to be redundant.

Wasim Jamshed and Kottakkaran Soopy Nisar disagree with the retraction. S. Suriya Uma Devi, Rabha W. Ibrahim, Faisal Shahzad, Mohamed R. Eid, Abdel-Haleem Abdel-Aty, M. Motawi Khashan, and I. S. Yahia did not reply to the correspondence about the retraction. The Editors were not able to obtain a current email address for M. Prakash.

References

1. Jamshed, W. *et al.* Computational case study on tangent hyperbolic hybrid nanofluid flow: Single phase thermal investigation. *Case Stud. Therm. Eng.* **27**, 101246 (2021).
2. Jamshed, W., Nisar, K. S., Ibrahim, R. W., Shahzad, F. & Eid, M. R. Thermal expansion optimization in solar aircraft using tangent hyperbolic hybrid nanofluid: A solar thermal application. *J. Market. Res.* **14**, 985–1006 (2021).
3. Jamshed, W. *et al.* Entropy amplified solitary phase relative probe on engine oil based hybrid nanofluid. *Chin. J. Phys.* **77**, 1654–1681 (2021).



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