



Retraction Note: Optimization of FRP jacket by fractional-order pathfinder algorithm to improve the reinforced concrete frames' seismic response

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The Editor-in-Chief has retracted this article. After publication, concerns were raised regarding authorship. Specifically, Case Western Reserve University has confirmed that the third author, Dragan Rodriguez, is not and has never been affiliated with their institution. An investigation by the Publisher has also found evidence of peer review manipulation. In addition, this article contains material that substantially overlaps with (amongst others) (Chisari and Bedon 2016; Huang et al. 2021): Tables 3 and 4 contain significant overlap with Tables 1 and 2 in Chisari and Bedon (2016), there are similarities between Figs. 3, 6, 7, 8, 9, 10 and 11 and Figs. 2, 5, 6, 7 and 8 of Chisari and Bedon (2016), and significant overlap throughout the text, particularly with Chisari and Bedon (2016) and Huang et al. (2021). None of the authors have responded to any correspondence from the publisher about this retraction.

References

- Chisari C, Bedon C (2016) Multi-objective optimization of FRP jackets for improving the seismic response of reinforced concrete frames. *Am J Eng Appl Sci* 9(3):669–679
- Huang J, Cang J, Zhou Z, Gholinia F (2021) Evaluation effect climate parameters change on hydropower production and energy demand by RCPs scenarios and the Developed Pathfinder (DPA) algorithm. *Energy Rep* 7:5455–5466

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