

RETRACTION: ON SOLUTIONS TO ITERATIVE DIFFERENTIAL EQUATIONS

Editor-in-Chief, on behalf of the Editorial Board

ABSTRACT. This notice retracts the article “On Solutions to Iterative Differential Equations” by Ayele Yaya and Benyam Mebrate (*Advances in Mathematics: Scientific Journal* **10** (2021), no. 4, 2053–2068, DOI: 10.37418/amsj.10.4.20), following a research integrity review by the journal’s Editor-in-Chief and Editorial Board.

RETRACTED ARTICLE

Ayele Yaya and Benyam Mebrate, *On Solutions to Iterative Differential Equations*, *Advances in Mathematics: Scientific Journal* **10** (2021), no. 4, 2053–2068. DOI: 10.37418/amsj.10.4.20.

REASON FOR RETRACTION

The article listed above has been retracted by the Editor-in-Chief and Editorial Board of *Advances in Mathematics: Scientific Journal*, in accordance with the journal’s Publication Ethics policy and the guidelines of the Committee on Publication Ethics (COPE).

A research integrity review found that the article relies substantially on the text and proof methodology of a prior publication, Wen-rong Li and Sui Sun Cheng,

2020 *Mathematics Subject Classification*. Not applicable.

Key words and phrases. retraction, publication ethics, plagiarism.

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A Picard Theorem for Iterative Differential Equations, Demonstratio Mathematica **XLII**, no. 2 (2009), 371–380, without adequate disclosure. This includes a passage in the article’s introduction closely matching the wording of the prior publication, a compatibility condition on the governing equation corresponding to a special case of the prior publication’s framework, and a proof architecture for the article’s existence and uniqueness theorems closely following that of the prior publication.

The authors were notified of these concerns and given the opportunity to respond on two occasions. Having reviewed their responses, the Editor-in-Chief and Editorial Board concluded that the concerns were not adequately addressed.

STATEMENT

This retraction was issued by the journal and does not necessarily reflect the views of the authors. The retracted article remains available online and has been marked as retracted; it should no longer be cited as a valid source. This notice is freely accessible and permanently linked to the retracted article’s electronic record.

REFERENCES

- [1] A. YAYA, B. MEBRATE: *On Solutions to Iterative Differential Equations*, Advances in Mathematics: Scientific Journal, **10**(4) (2021), 2053–2068.
- [2] W. LI, S.S. CHENG: *A Picard Theorem for Iterative Differential Equations*, Demonstratio Mathematica, **XLII**(2) (2009), 371–380.

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Email address: amsj@research-publication.com