

**Retraction Note: Using the method of differential equations by quadratic to solve the free vibrations of columns under the effect of axial load and column weight**

**Amir Kazemi<sup>a</sup>, Amir Nadi<sup>b</sup>, Mohammadreza Moradi<sup>c</sup>, Farzaneh Tahmoorian<sup>d</sup> and Peyman Beiranvand<sup>c\*</sup>**

<sup>a</sup>PhD Candidate, Department of Civil Engineering, Khorramabad Branch, Islamic Azad University, Iran

<sup>b</sup>Assistant Professor, Department of Civil Engineering, Khorramabad Branch, Islamic Azad University, Iran

<sup>c</sup>PhD Candidate, School of Civil Engineering, Iran University of Science and Technology, Tehran, Iran

<sup>d</sup>Senior Lecturer, School of Engineering and Technology, Central Queensland University, Mackay, 4740, Australia

**CHRONICLE**

Available online: October 07, 2024

**RETRACTION**

The editors of *Engineering Solid Mechanics* retract this article [1] due to severe plagiarism.

© 2025 by the authors; licensee Growing Science, Canada

**References**

- [1] Kazemi, A., Nadi, A., Moradi, M., Tahmoorian, F. & Beiranvan, P. (2025). Using the method of differential equations by quadratic to solve the free vibrations of columns under the effect of axial load and column weight. *Engineering Solid Mechanics*, 12 (3), 269-282.

\* Corresponding author.

E-mail addresses: [p\\_beiranvand@civileng.iust.ac.ir](mailto:p_beiranvand@civileng.iust.ac.ir) (P. Beiranvand)

ISSN 2291-8752 (Online) - ISSN 2291-8744 (Print)

© 2024 Growing Science Ltd. All rights reserved.

doi: 10.5267/j.esm.2024.10.001



© 2025 by the authors; licensee Growing Science, Canada. This is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC-BY) license (<http://creativecommons.org/licenses/by/4.0/>).