



## Retraction Note: Hybrid aggregated signcryption scheme using multi-constraints differential evolution algorithm for security

A. Sivasundari<sup>1,2</sup> · M. Ramakrishnan<sup>3</sup>

Published online: 1 December 2022  
© Springer Science+Business Media, LLC, part of Springer Nature 2022

**Retraction Note: Cluster Computing (2018) 22:3201–3211**  
<https://doi.org/10.1007/s10586-018-2016-3>

The Editor-in-Chief and the publisher have retracted this article. The article was submitted to be part of a guest-edited issue. An investigation by the publisher found a number of articles, including this one, with a number of concerns, including but not limited to compromised editorial handling and peer review process, inappropriate or irrelevant

references or not being in scope of the journal or guest-edited issue. Based on the investigation's findings the Editor-in-Chief therefore no longer has confidence in the results and conclusions of this article.

The authors have not responded to correspondence regarding this retraction.

**Publisher's note** Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

---

The online version of the original article can be found at <https://doi.org/10.1007/s10586-018-2016-3>.

---

✉ A. Sivasundari  
asivasundari12@gmail.com

M. Ramakrishnan  
ramvecit@gmail.com; ramkrishod@gmail.com

<sup>1</sup> Anna University, Chennai, India

<sup>2</sup> Department of CSE, MNM Jain Engineering College, Chennai, India

<sup>3</sup> School of Information Technology, Madurai Kamaraj University, Madurai, India