



# Retraction Note to: Antenna selection with improved group based particle swarm optimization (IGPSO) and joint adaptive beam forming for wideband millimeter wave communication

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Published online: 23 May 2022

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## Retraction Note to:

**Journal of Ambient Intelligence and Humanized Computing (2020) 12:4291–4302**  
<https://doi.org/10.1007/s12652-020-01828-z>

The Editor-in-Chief and the publisher have retracted this article. This article was submitted to be part of a guest-edited issue. An investigation concluded that the editorial process of this guest-edited issue was compromised by a third party and that the peer review process has been manipulated. Based on the investigation's findings the Editor-in-Chief

therefore no longer has confidence in the results and conclusions of this article.

Author P. Ramya does not agree to this retraction. Authors R.S. Valarmathi and C. Poongodi have not responded to correspondence regarding this retraction.

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The original article can be found online at <https://doi.org/10.1007/s12652-020-01828-z>.

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