

***Interactive comment on “Non-Gaussian interaction information: estimation, optimization and diagnostic application of triadic wave resonance” by C. A. L. Pires and R. A. P. Perdigão***

**Anonymous Referee #2**

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In this manuscript, the authors introduce the concepts of non-Gaussian interaction information, provide methods to estimate and maximize it. Application of this concept to triadic wave resonance is presented.

The manuscript is well written.

I highly evaluate the method proposed in this manuscript, and believe this interaction information method will be useful in many areas besides the one proposed by the authors.

I suggest the manuscript to be accepted for publication.

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