

Peer Review

Review of: "Stability and Synchronization of Kuramoto Oscillators"

Sangita Dutta¹

1. National Institute of Technology, Durgapur, India

The paper studies the Stability and Synchronization of Kuramoto Oscillators. This is a timely topic.

The paper needs some corrections. The comments are addressed below:

1. The introduction part should be written with more information, and more citations should be added.
2. In sec 2.2, the result 2, and in sec 2.3, the results have already been proved in the paper entitled "On the Stability of the Kuramoto Model of Coupled Nonlinear Oscillators" by Jadbabaie et al. Also, the results of sec 3.3 have been proved in the paper "On Synchronization of Kuramoto Oscillators" by Chopra et al. Some modification of the existing results and the comparison between the results is needed.
3. The author should give the statements only of the existing results and add citations of those works. The novelty of the paper should be addressed.
4. The author should rewrite the conclusion part by summarizing the whole work properly.

Declarations

Potential competing interests: No potential competing interests to declare.