Review of: "Periodic second-order systems and coupled forced Van der Pol oscillators"

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Potential competing interests: No potential competing interests to declare.

Review report

Periodic second-order systems and coupled forced Van der Pol oscillators

In this study, the existence and localization results for periodic solutions of second-order non-linear coupled planar systems are presented, without requiring periodicity for the nonlinearities. The arguments for the existence tool are based on a variation of the Nagumo condition and Topological Degree Theory. The localization tool is based on a technique of orderless upper and lower solutions that involves functions with translations. The authors apply our result to a system of two coupled Van der Pol oscillators with a forcing component.

The paper is good, but needs more comments as follows:

This paper needs major comments:

1. The paper has typos; kindly proofread the paper and check for grammar and spelling mistakes.
2. Please add more effective diagrams to show what is new in your paper.
3. What is the novelty of this study? Please explain.
4. Where is the comparison between your paper and recent papers in the same methodology that you studied?

Thanks