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.

Dear Editor,

In the manuscript, authors consider a general second-order coupled system with periodic boundary conditions, having first-order derivatives in nonlinear terms, and give a sufficient criterion for the existence of periodic solutions with less restrictive assumptions than the ones reported in the literature.

The authors give the main result with Theorem 4. In the statement of Theorem 4, a typo for the upper and lower bounds of w(t) seems to exist.

The result has been verified on two examples.

So, I think that the result presented in this manuscript may find further applications in relevant fields and thus has a solid contribution to the field of second-order systems of nonlinear differential equations. However, it would also be desirable to give conditions to guarantee nonnegativity of the periodic solution, as may be needed in several applications.