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.

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

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The manuscript discusses the existence and localization results for periodic solutions of second-order nonlinear coupled planar systems. Notably, periodicity for the nonlinearities is not a prerequisite. The existence is established using a variation of the Nagumo condition and Topological Degree Theory. The localization is achieved through a technique involving orderless upper and lower solutions, employing functions with translations. The application of this result is demonstrated on a system of two coupled van der Pol oscillators with a forcing component. The following provides some remarks:

* I thought that van der Pol was written with a lowercase v?

* The light green citation color might sore the eyes; consider using a dark green or blue color instead.

* Consider using a compact citation style.

* Equation (3) seems like a detour to PDE, and then the flow returns again to ODE.

* Equation (4) is missing an equal sign. The powers are inconsistent between the Greek letter and the Latin alphabet.

* What is the Ambrosetti-Prodi alternative?

* What is the meaning of the Topological Degree Theory?

* Consider using the abbreviation for ODE in the subsequent sentences/paragraphs because you have mentioned it several times already.

* What is the meaning of orderless?

* The section on the main result does not seem to use the Topological Degree Theory and Ambrosetti-Prodi alternative

mentioned earlier in the introduction.