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Self-excited vibrations of a non-smooth contact dynamical system with planar friction based on the shooting method

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Highlights

- Computation of non-linear dynamic steady-state solutions of autonomous systems prone to mono-instability
- Application in the field of friction-induced vibration for a mechanical system with unilateral contact and a non-regularized Signorini law
- Study of the stability of the limit cycles by using the Floquet multipliers

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