

[Amel'kin, V. V.](#); [Lukashevich, N. A.](#); [Sadovskii, A. P.](#)

**Nonlinear oscillations in systems of second order.** (Нелинейные колебания в системах второго порядка.) (Russian) [Zbl 0526.70024](#)

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For a scan of this review see the [web version](#).

## MSC:

- [70Kxx](#) Nonlinear dynamics in mechanics
- [70-02](#) Research exposition (monographs, survey articles) pertaining to mechanics of particles and systems
- [34-02](#) Research exposition (monographs, survey articles) pertaining to ordinary differential equations
- [34D20](#) Stability of solutions to ordinary differential equations

Cited in **1** Review  
Cited in **28** Documents

## Keywords:

[Lyapunov method](#); [periodic motions for two-dimensional autonomous systems](#); [center and focus systems](#); [isochronous oscillations](#); [isolated periodic orbits](#)