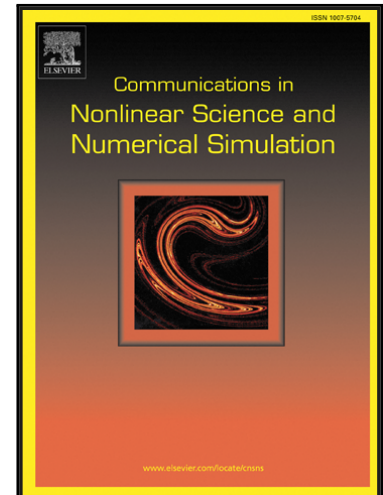


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Coupling-induced oscillations in two intrinsically quiescent populations

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Highlights

- Two consumer-resource pairs linked by direct competition of consumers are considered.
- It is assumed that each consumer specializes on one resource only.
- Dynamics of the resources is supposed to be much slower than that of the consumers.
- Each of the involved consumer-resource pairs has unique nonoscillatory steady state.
- Weak coupling destabilizes the rest state of the system and generates oscillations.

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