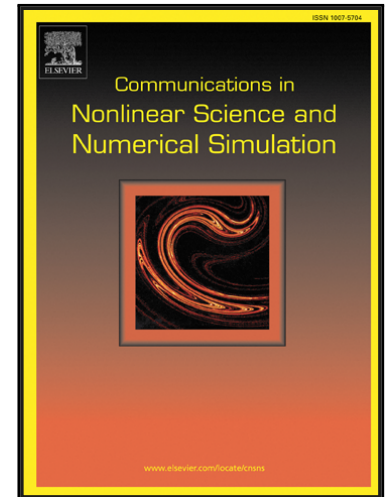


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Twisted states in nonlocally coupled phase oscillators with bimodal frequency distribution

Yuan Xie, Shuangjian Guo, Lan Zhang, Qionglin Dai, Junzhong Yang

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Highlights

- Twisted states in nonlocally coupled phase oscillators with bimodal frequency distribution are studied.
- Two different types of twisted states, twisted standing waves and stationary twisted states, appear successively with the increase of the coupling strength.
- The twisted states and the stabilities are theoretically analyzed with the assistance of Ott-Antonsen ansatz.

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