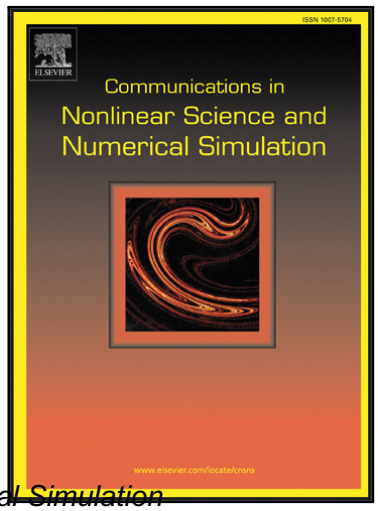

Geometry of Escaping Dynamics in Nonlinear Ship Motion

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Highlights

- Escape from a potential well as a framework for catastrophic events in dynamical systems.
- Geometric approach of finding phase space structures that lead to escape.
- Tube dynamics for studying escape in multi-degree of freedom Hamiltonian systems.
- Robustness of tube dynamics to random forcing in predicting escape from a potential well.