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Modeling malware propagation using a carrier compartment

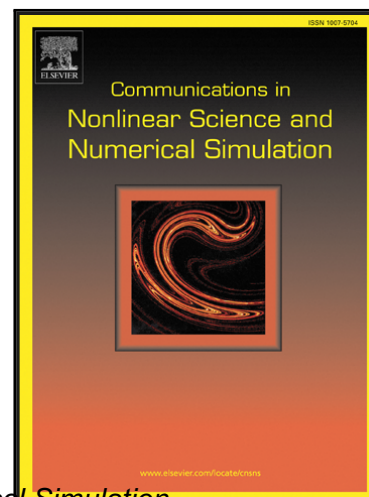
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Highlights

- A mathematical model to simulate malware spreading considering carrier devices is proposed.
- Control measures based on the study of the basic reproductive number are explicitly given.
- The stability of disease-free and endemic equilibrium points is detailed.

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