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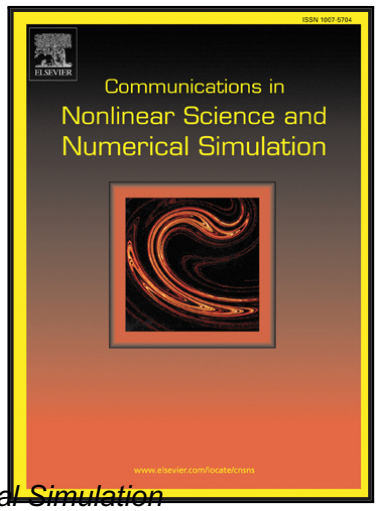

Chaotic synchronization in a type of coupled lattice maps

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Highlights

- The dynamics of a coupled lattice model based on the logistic family is analyzed.
- The synchronization properties of this model are studied.
- The use of circulant matrices is shown to be very effective to obtain formulas for computing tangential and normal Lyapunov exponents.

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