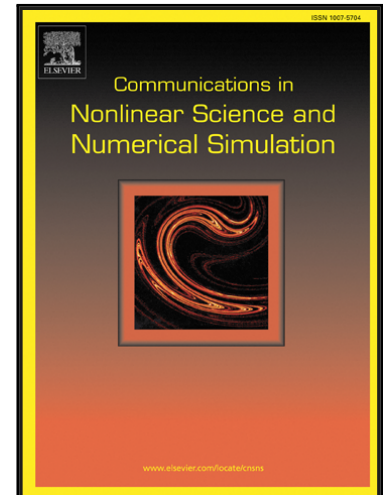


# Accepted Manuscript

## Spatiotemporal Chaos of Fractional Order Logistic Equation in Nonlinear Coupled Lattices

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**Highlights**

- The proposed system breaks the limit of the parameter range of logistic map.
- The proposed system has good ergodicity without periodic windows in bifurcation diagrams.
- Higher percentage of lattices in chaotic behaviors than the CML system.

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