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Stability of steady state and traveling waves solutions in coupled map lattices. (English)

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MSC:

- 37L60 Lattice dynamics and infinite-dimensional dissipative dynamical systems
- 35P05 General topics in linear spectral theory for PDEs
- 35Q51 Soliton equations
- 47N20 Applications of operator theory to differential and integral equations

Cited in **3** Documents

Keywords:

lattice dynamical systems; coupled map lattices; Gelfand transformation; essential spectrum of linear operator; Calkin algebra; traveling wave solution

Full Text: [DOI](#)

References:

- [1] Afraimovich V. S., Rand. Comput. Dyn. 1 pp 423–
- [2] Afraimovich V. S., Rand. Comput. Dyn. 2 pp 287–
- [3] DOI: 10.1007/978-1-4612-3048-9 · doi:10.1007/978-1-4612-3048-9
- [4] DOI: 10.1103/PhysRevE.61.1329 · doi:10.1103/PhysRevE.61.1329
- [5] Chow S.-N., Dyn. Syst. Appl. 4 pp 1–
- [6] DOI: 10.1006/jdeq.1998.3478 · Zbl 0911.34050 · doi:10.1006/jdeq.1998.3478
- [7] DOI: 10.1016/S0167-2789(97)82005-2 · Zbl 0933.37005 · doi:10.1016/S0167-2789(97)82005-2
- [8] DOI: 10.1142/S0218127403006571 · Zbl 1067.82042 · doi:10.1142/S0218127403006571
- [9] Kaneko K., Theory and Applications of Coupled Map Lattices (1993) · Zbl 0777.00014

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