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Lie symmetries of the Shigesada–Kawasaki–Teramoto system

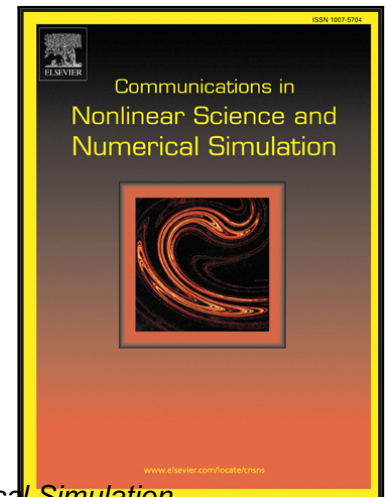
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Highlights

- A complete Lie symmetries classification of the Shigesada-Kawasaki-Teramoto system is obtained
- Nonlinear Lie symmetry operators for reaction-diffusion systems are unveiled for the first time
- Nonlinear Lie symmetry operators for a search for exact solutions of the relevant nonlinear system with cross-diffusion are applied

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