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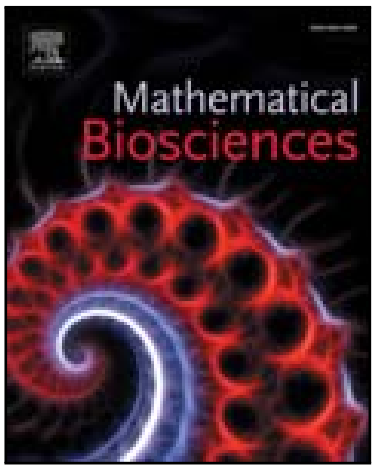

Global Dynamics in a Stoichiometric Food Chain Model with Two Limiting Nutrients

Ming Chen, Meng Fan, Yang Kuang

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Highlights

- Extinction of high trophic-level predator can be observed and explained.
- This simple stoichiometric food chain model admits chaotic dynamics.
- Effect of food quality across three trophic levels is explored and presented.
- Stoichiometric food-chain model reveals qualitatively new and rich dynamics.

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