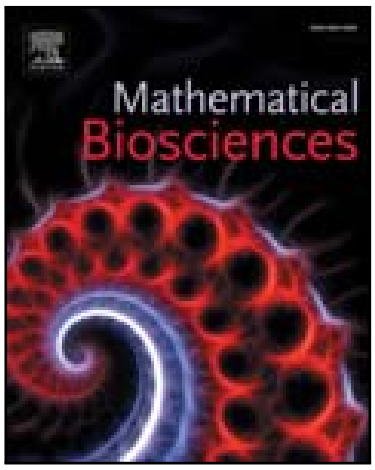

Dynamics of an intraguild predation model with an adaptive IGpredator

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Highlights

- An intraguild predation model with adaptive IGpredator is proposed and investigated.
- There is still the phenomenon of paradox of enrichment in system with adaptive IGpredator.
- The dynamics of the adaptive system are greatly affected by the adaptive strength of IGpredator.
- The adaptive activity of IGpredator to improve its fitness may lead to extinction of itself.