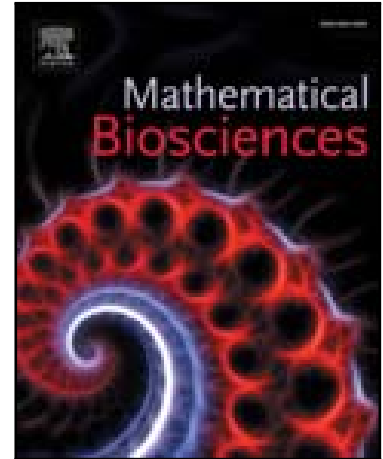


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Biological Control with Nonlocal Interactions

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Highlights

- Biological control with ratio dependent responses can exhibit pest resurgences.
- Noise, diffusion, and moderate nonlocality can trigger pest resurgences.
- Front speeds can be used to determine bound for diffusion-driven resurgences.
- Robust partial control can be achieved when interactions are sufficiently nonlocal.

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