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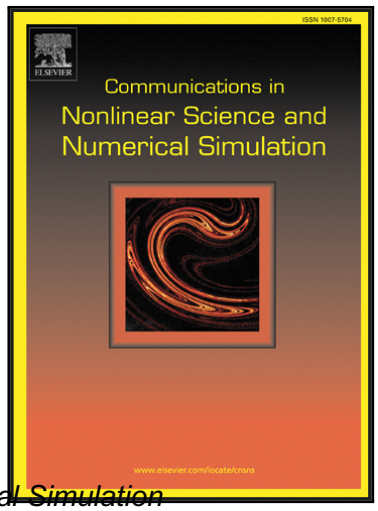

Monopoly models with time-varying demand function

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Highlights

- We study a monopoly market with time varying demand function
- We propose a model based on a gradient mechanism for a boundedly rational agent
- We analytically study the case of a cyclically perturbed demand function
- We show the possibly stabilizing effect of perturbation size and agent's reactivity
- We investigate achieved profits

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