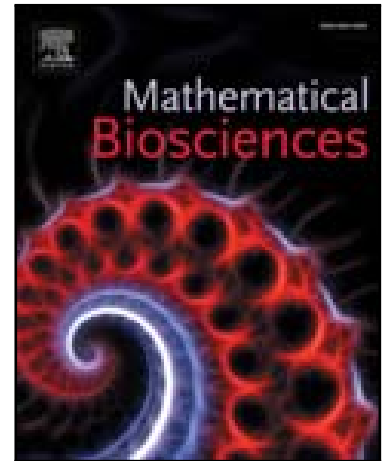


Robust Control of Uncertain Nonlinear Switched Genetic Regulatory Networks with Time Delays: A Redesign Approach

Hojjatullah Moradi , Vahid Johari Majd

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Highlights

- Dissipative robust stability of nonlinear switching sys with unknown switching law.
- New robust dissipative redesign method combined with sliding mode control theory.
- Synthesizing a switching control law for the nonlinear switching GRN.
- Considering matched and unmatched norm-bounded uncertainties and perturbations.
- Lyapunov stability of perturbed switched system in finite time.

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