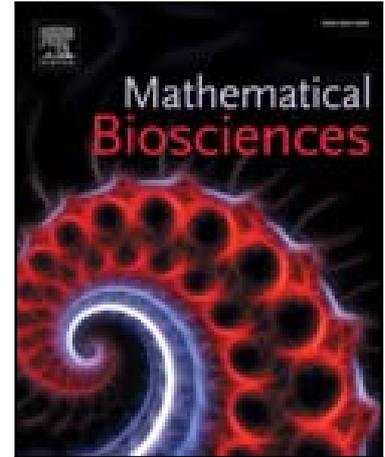


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Dynamics of Cholera Epidemics with Impulsive Vaccination and Disinfection

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Highlights

- Waterborne diseases have a tremendous influence on human life
- A mathematical model for the cholera disease dynamics is proposed
- A delayed SIRB epidemic model with impulsive vaccination and disinfection
- Moreover sanitation to control the cholera disease
- Obtained a sufficient condition for the permanence of the epidemic
- Stability of the endemic periodic solution are investigated analytically and numerically

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