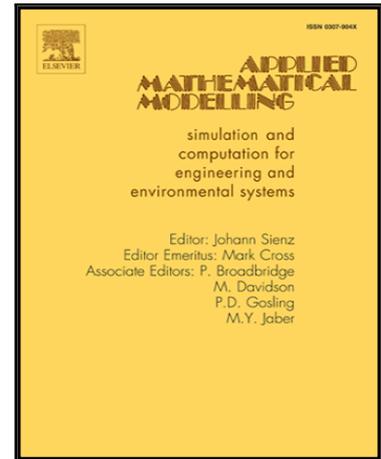


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Impact of discontinuous antivirus strategy in a computer virus model with the point to group

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Highlights

1. The anti-virus strategy in our model is discontinuous.
2. This is the first computer virus model with discontinuous strategy.
3. The convergence to the equilibrium can actually be achieved in finite time.
4. We can estimate this time in terms of the model parameters.

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