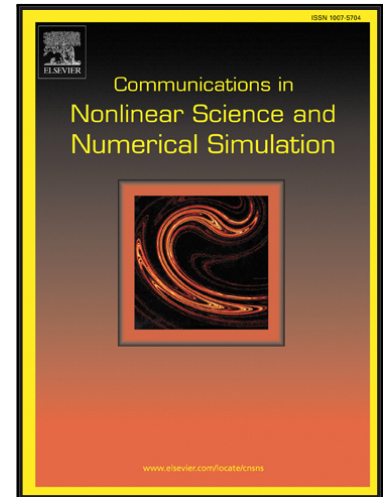


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EFFECTS OF CARRYING CAPACITY AND DELAY ON THE DYNAMICS OF LOTKA VOLTERRA SYSTEM: MATHEMATICAL, NUMERICAL AND MICROCONTROLLER SIMULATION

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Highlights

- **The dynamics of Lotka Volterra system in the presence of delay is studied**
- **The study of the stability of the complete model is proposed**
- **The results obtained from the microcontroller simulation are compared with those obtained numerically and analytically**

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