



Mathematical Methods and Modeling
Albert C. J. Luo and Valentin Afraimovich

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Continuous Dynamical Systems



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Mathematical Methods and Modeling focuses on mathematical methods, theories, modeling and computational techniques for complex phenomena in science and engineering.

Topics of interest in *Mathematical Methods and Modeling* include but not limited to

- Biological dynamics and biophysics
- Dynamical system networks
- Stock markets and economical dynamics
- Plasma physics and fluid dynamics
- Nonlinear mechanics and astrophysics
- Condensed matter physics
- Chaotic dynamics and fractal
- Fractional calculus

Series Editors

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With 86 figures



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