# Discontinuity, Nonlinearity, and Complexity

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- · Nonlinear discrete systems and symbolic dynamics
- · Fractional dynamical systems and control
- · Stochastic dynamical systems and randomness
- Complexity, self-similarity and synchronization
- Complex nonlinear phenomena in physical systems
- · Stability, bifurcation and chaos in complex systems
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- Pattern formation, social science and complexization

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