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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
- Turbulence and other complex phenomena in hydrodynamics
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- · Dynamical networks
- Combinatorial aspects of dynamical systems
- · Biological dynamics and biophysics
- Pattern formation, social science and complexization

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