

CYBERNETICS and PHYSICS



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Cybernetics and Physics (CAP) is published under umbrella of the International Physics And Control Society (IPACS). The scope of the journal includes all areas related to Cybernetics and Physics.

Prospective authors are invited to submit high quality papers on applications of cybernetic methods to physical sciences and technologies, in particular, nonlinear dynamics and control; quantum information and control; control of oscillations, chaos and bifurcations; control in thermodynamics; modeling and identification of physical systems; complexity and self-organization; analysis and control of complex networks; network and systems synchronization; control of plasma, beams, lasers, mechanical and micromechanical systems and nanotechnologies as well as other related applications in science and technology.

The papers in cybernetics with physical flavor as well as the papers in physics with cybernetic flavor are welcome. Cybernetics is assumed to include, in addition to control, such areas as estimation, filtering, optimization, identification, information theory, pattern recognition, etc.

SECTIONS

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| ❖ Complexity and self-organization | ❖ Quantum information and control |
| ❖ Control of oscillations | ❖ Analysis and control of complex networks |
| ❖ Control of chaos and bifurcations | ❖ Synchronization of systems and networks |
| ❖ Control in thermodynamics | ❖ Control of mechanical and micromechanical systems |
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