

## IPPI'S PERIODICALS

The Institute has founded and publishes two academic periodicals: "Problems of Information Transmission" and "Automation and Remote Control" which circulate in Russia and abroad.

Since October 2000 the Institute has founded the electronic scientific journal "Information Processes".

### *Problems of Information Transmission*

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"**Problems of Information Transmission**" is a quarterly journal published in English by MAIK "Nauka / Interperiodica" Publishing.

"**Problems of Information Transmission**" contains research and survey articles in the following and related areas:

- Information Theory;
- Coding Theory;
- Methods of Signal Processing;
- Automata Theory;
- Large Systems;
- Information in Living Systems;
- Communication Network Theory.

"**Problems of Information Transmission**" is abstracted or indexed in Mathematical Reviews, Language and Language Behavior Abstracts, Engineering Index, Computer and Information Systems Abstracts Journal, INSPEC – Electrical and Electronics Abstracts and Electronics Abstracts, Zentralblatt für Mathematik, and Information Science Abstracts.

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In April 1936, the first journal in the world devoted especially to the issues in control theory, "**Avtomatika i Telemekhanika**," came off press. The frequency of publication was six issues per year.

Since 1956 the journal has been a monthly publication and it has been translated into English and published under the title "**Automation and Remote Control**" by MAIK "Nauka / Interperiodica" Publishing.

During its existence, the scope of the journal substantially evolved and expanded to reflect virtually all subjects concerned in one way or another with the current science of control.

Now "**Automation and Remote Control**" contains research and survey articles in the following and related areas:

- Deterministic Systems;
- Stochastic Systems;
- Queuing Systems;
- Discrete Systems;
- Adaptive and Robust Systems;
- Evolving Systems;
- Developing Systems;
- Simulation of Behavior and Intellect;
- Control Hardware;
- Computer-Aided Production Control Systems;
- Computers in Control;
- Automation of Design and Programming;
- Control in Biological Systems and Medicine;
- Automata;
- Technical Diagnostics;
- Reliability;
- Computing Techniques in Automatic Control;
- Technical Tools in Control.

**Automation and Remote Control** is abstracted or indexed in Mathematical Reviews, Chemical Abstracts, Electronics and Communications Abstracts Journals, Current Contents, Engineering Index, Applied Mechanics Reviews, Computer and Information Systems Abstracts Journal, Zentralblatt für Mathematik, and Information Science Abstracts.

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The journal "**Informational Processes**" was founded in 2000 as electronic scientific journal.

"**Information Processes**" contains research and survey articles in the following and related areas:

- Information Theory and methods of Signal Processing;
- Information Transmissions in Computer Networks;
- Control in Data Bases and Knowledge Bases;
- Informational Security;
- Computer Linguistics;
- Informational Technologies in Technical and Social-Economic Systems;
- Programming;
- Analysis and Syntheses of Control Systems;
- Mathematical Models, Computational Methods;
- Informational Interaction.

Electronic address of the Journal – <http://www.iip.ru>

## Institute for Information Transmission Problems

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