ISSN 1063-7842 CODEN: TEPHEX

# TECHNICAL PHYSICS

Pleiades
Publishing Group
over 50
years
In the service of science and education

https://pleiades.online https://link.springer.com



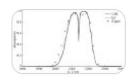
Distributed by **SPRINGER NATURE** 



## Volume 70, Issue 6 June 2025

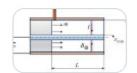
6 articles in this issue

#### Nonequilibrium Model of k-Distribution for Diatomic Atoms



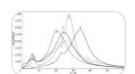
OriginalPaper | 30 July 2025 | Pages: 163 - 172

#### Modeling of the Plasma Flow in Coaxial Channels of Different Diameters



OriginalPaper | 30 July 2025 | Pages: 173 - 179

## Investigation of Changes in the Allotropic Structure of Graphite Surface under Plasma Exposure in the EAST Tokamak and PLM



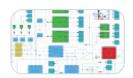
OriginalPaper | 30 July 2025 | Pages: 180 - 187

## Influence of Electric Arc Metallization Parameters on the Coating Strength



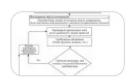
OriginalPaper | 30 July 2025 | Pages: 188 - 194

Analysis of the Degree of Influence of Supply Voltage Unsymmetry on the Operational Reliability of Low-Voltage Asynchronous Electric Motors



OriginalPaper 30 July 2025 Pages: 195 - 202

Numerical Study of Optimal Material Distribution in Elastic Bodies by Topological Optimization Method



OriginalPaper | 30 July 2025 | Pages: 203 - 211