

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>



PLEIADES GROUP OF COMPANIES

Distributed by **SPRINGER NATURE**



Volume 70, Issue 12
December 2025

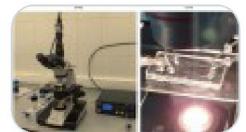
Special Issue: “Yenisei Thermal Physics 2025” Edited by Alexander A. Dekterev and Sergei V. Ryzhkov

11 articles in this issue

Issue Dedicated to the “Yenisei Thermal Physics 2025” All-Russian Forum

EditorialNotes | 20 February 2026 | Pages: 583 - 584

An Experimental Study of Emulsion Generation Using a Microfluidic Droplet Generator



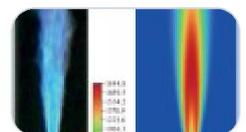
OriginalPaper | 20 February 2026 | Pages: 585 - 590

Development of a Method for Fabrication of Microfluidic Rheometers from Epoxy Resin



OriginalPaper | 20 February 2026 | Pages: 591 - 601

Simulation of Methane–Hydrogen Jet Flame



OriginalPaper | 20 February 2026 | Pages: 602 - 609

An Approach to the Development of Devices for Gas Removal from Aluminum Prebaked-Anode Electrolysis Cells Based on Experimental Studies and Computer Modeling

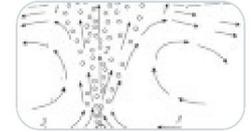


OriginalPaper | 20 February 2026 | Pages: 610 - 618

Method for Stabilizing Pulverized Coal-Fired Boiler Operation at Low Loads in a Wind-Powered System



Numerical Simulation of Anti-Icing Devices for the Water Area of Northern Harbors



OriginalPaper | 20 February 2026 | Pages: 625 - 633

Measurement and Analysis of Vertical Temperature Profiles of the Atmosphere over the Yenisei River and the Urbanized Area of Krasnoyarsk



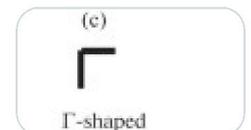
OriginalPaper | 20 February 2026 | Pages: 634 - 639

A Measurement Complex for Studying the Thermophysical Characteristics of the Yenisei River Downstream of the Krasnoyarsk Hydroelectric Power Station Dam



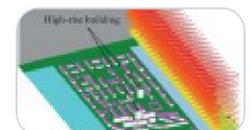
OriginalPaper | 20 February 2026 | Pages: 640 - 645

Numerical Investigation of Aeration Condition Formation in Different Morphotypes of Urban Development



OriginalPaper | 20 February 2026 | Pages: 646 - 652

Estimation of the Potential Wind Power Capacity in the Urban Environment



OriginalPaper | 20 February 2026 | Pages: 653 - 658
