

# RUSSIAN METALLURGY (Metally)

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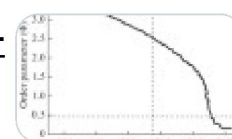
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## **Opening Address for the Special Issue of the KRIS-2025 Conference**

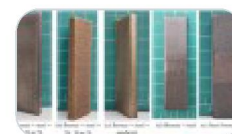
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## **Peculiarities of Homogeneous Melting of Metal under the Action of Ultra-Short High-Power Laser Radiation**



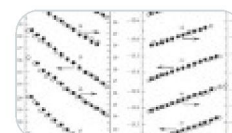
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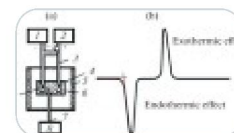


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## **Influence of a Production Method and Heat Treatment on the Microstructure and Corrosion Behavior of a KhN62M Nickel Superalloy in a Molten LiCl–KCl Salt**



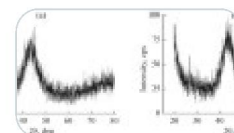
### Influence of Thermal and Thermobaric Actions on the Structure of an AlCuFeCoNiCr HEA Prepared by Arc Melting



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### Crystallization Kinetics of $\text{Co}_{41}\text{Cr}_{15}\text{Mo}_{14}\text{Fe}_7\text{C}_{15}\text{B}_6\text{R}_2$ (R = Gd, Y) Amorphous Ribbons



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### Solidification of a Niobium-Alloyed Cr–Ni–Si Austenitic Heat-Resistant Steel in a Weld Metal



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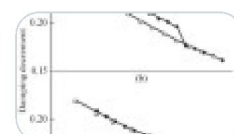
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### Anomalies Detected on Measuring the Viscosity of a Metallic Melt by the Oscillating Crucible Method: Their Nature and Mechanisms



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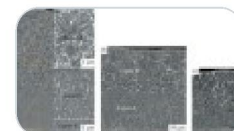
### Thermal Hysteresis in the Study of Nonequilibrium Phase Transformations of Melting/Crystallization of Noble Metals under the Influence of Ultrashort Laser Radiation



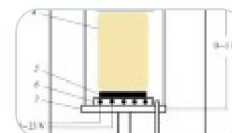
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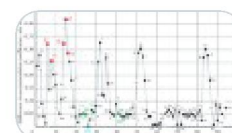
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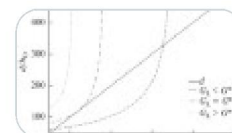
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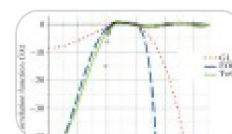
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