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Analysis and Discussion"'; "'Conclusions"'; "'References'"
"'Steady-State Thermal-Solutal Convection and Diffusion in a Simulated
Float Zone"'; "'Nomenclature"'; "'Introduction"'; "'Model Formulation"';
"'Scaling"'; "'Asymptotic Analysis"'; "'Results"'; "'Summary and
Conclusions"'; "'References"'; "'Thermosolutal Convection in Liquid
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Model"'; "'Results and Discussion"'; "'Conclusions"'; "'References"';
"'Transport Phenomena During Vapor Growth of Optoelectronic
Material: A Mercurous Chloride System"'; "'Introduction"';
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"'Liquid-Liquid Interface"'; "'Nonlinear Capillary-Gravity Oscillations"';
"'Solitons Excited by the Marangoni Effect"'; "'References"'; "'Chapter 4.
Gravity Modulation Effects"'; "'Gravity Jitters: Effects on Typical Fluid
Science Experiments"'; "'Introduction"'; "'Reference Scenario for the
Microgravity Environment"'; "'Equivalence Criteria and Tolerability
Limits"'; "'Study Cases"'; "'Results of the Fluid Dynamic Modelings"';
"'Conclusions"'; "'References"'; "'Effect of Gravity Jitter on Natural
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