



Advances in heat transfer.

Harnett, J. P. (James P.)
Irvine, Thomas F. (Thomas Francis)
Academic Press,
1978

Electronic books

Monografía

ADVANCES IN HEAT TRANSFER VOLUME 14

<https://rebiunoda.pro.baratznet.cloud:28443/OpacDiscovery/public/catalog/detail/b2FpOmNlbGVicmF0aW9uOmVzLmJhcmF0ei5yZW4vMjU5Nzc2MzE>

Título: Advances in heat transfer. Volume 14 electronic resource] edited by Thomas F. Irvine, Jr, James P. Hartnett

Editorial: New York London Academic Press 1978

Descripción física: 1 online resource (381 p.)

Mención de serie: Advances in heat transfer v. 14

Nota general: Description based upon print version of record

Bibliografía: Includes bibliographical references and index

Contenido: Front Cover; Advances in Heat Transfer, Volume 14; Copyright Page; Contents; List of Contributors; Preface; Contents of Previous Volumes; Chapter 1. Heat Transfer in Geothermal Systems; I. Introduction; II. Governing Equation for Convective Heat Transfer in Geothermal Systems; III. Heat Transfer in Hot-Water Geothermal Systems; IV. Heat Transfer in Water-Steam Two-Phase Geothermal Systems; V. Heat Transfer in Geopressured Geothermal Systems; VI. Lumped Parameter Analyses; VII. Heat Transfer in Other Geothermal Systems; VIII. Heat Transfer in a Geothermal Wellbore; IX. Concluding Remarks ReferencesChapter 2. Electrohydrodynamically Enhanced Heat Transfer in Liquids-A Review; I. Introduction; II. Summary of Electrohydrodynamic Coupling Mechanisms; III. Important Parameters in EHD Heat Transfer Research; IV. EHD Coupled Convective Heat Transfer; V. Boiling Heat Transfer; VI. Condensation Heat Transfer; VII. Devices and Concepts; VIII. Conclusions; References; Chapter 3. Heat Transfer between a Gas Fluidized Bed and Immersed Tubes; I. Introduction; II. Local Heat Transfer Coefficients for Horizontal and Slanted Tubes III. Total Heat Transfer Coefficients for Horizontal and Slanted TubesIV. Local Heat Transfer Coefficients for Vertical Tubes; V. Total Heat Transfer Coefficients for Vertical Tubes; VI. Packed-Fluidized Beds; VII. General Conclusions; References; Chapter 4. Influence of Radiative Transfer on Certain Types of Motions in Planetary Atmospheres; I. Introduction; II. Rate of Radiative Decay of Temperature Perturbations for Local Thermodynamic Equilibrium; III.

Radiative Decay of Temperature Perturbations for non-LTE; IV. Rate of Radiative Decay of Turbulent Temperature Fluctuations for LTE V. Influence of Radiative Decay on Turbulence VI. Damping of Acoustic-Gravity Waves; References; Chapter 5. Homogeneous Nucleation; I. Introduction; II. Supersaturation; III. Formation of Aggregates, Embryos, Nuclei, and Droplets; IV. Description of the Problem; V. Formation of Embryos and Nuclei (Classical Theory); VI. Equilibrium Size Distribution of Embryos (Classical Theory); VII. Steady-State Nucleation Rate (Classical Theory); VIII. Modifications of the Classical Theory; IX. Time to Reach Steady State. The Time Lag; X. Comparisons of Steady-State Solutions with Experiments XI. Concluding Remarks References; Author Index; Subject Index

Lengua: English

ISBN: 1-281-72715-6 9786611727154 0-08-057568-4

Materia: Energy transfer Heat- Transmission

Autores: Harnett, J. P. (James P.) Irvine, Thomas F. (Thomas Francis)

Enlace a serie principal: Advances in heat transfer (CKB)954928521848 (DLC)2011233356 (OCO LC)268995602 0065-2717

Enlace a formato físico adicional: 0-12-020014-7

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es