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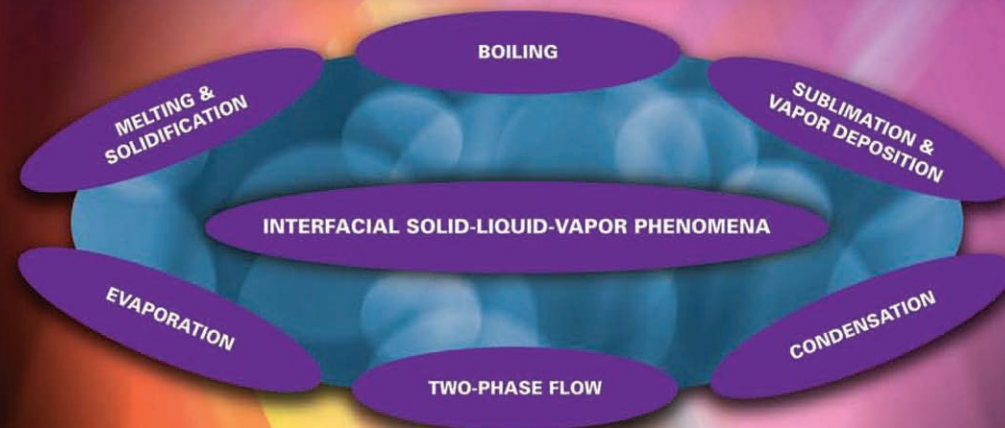
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TRANSPORT PHENOMENA IN MULTIPHASE SYSTEMS



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Transport Phenomena in Multiphase Systems

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CONTENTS: Introduction to Transport Phenomena; Thermodynamics of Multiphase Systems; Generalized Governing Equations: Local Instance Formulations; Generalized Governing Equations: Averaging Formulations; Solid-Liquid-Vapor Phenomena and Interfacial Heat and Mass Transfer; Melting and Solidification; Sublimation and Vapor Deposition; Condensation; Evaporation; Boiling; Two-Phase Flow and Heat Transfer; **11 chapters, 1064 pages, 403 figures, 292 problems and 62 examples.**

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- Provides ample examples and end-of-chapter problems, with a Solutions Manual and PowerPoint presentation available to instructors.

About the Authors

DR. AMIR FAGHRI is currently Dean of the School of Engineering, University of Connecticut and United Technologies Endowed Chair Professor in Thermal-Fluids Engineering. Dr. Faghri received his M.S. and Ph.D. degrees from the University of California at Berkeley (1974, 1976) and a B.S. with highest honors from Oregon State University (1973). Dr. Faghri has authored seven books and editorial volumes, more than 260 archival technical publications, including 160 journal papers, and 11 U.S. patents. Dr. Faghri serves on the editorial boards of eight scientific journals. He has received many honors and awards, including the prestigious 1998 American Institute of Aeronautics & Astronautics (AIAA) Thermophysics Award, the 1998 American Society of Mechanical Engineering (ASME) Heat Transfer Memorial Award and the 2006 ASME James Harry Potter Gold Medal.

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