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TRANSPORT PROCESSES AND SEPARATION PROCESS PRINCIPLES

FIFTH EDITION

CHRISTIE JOHN GEANKOPLOS • A. ALLEN HERSEL
DANIEL H. LEPEK



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Transport Processes and Separation Process Principles Christie John Geankoplis, Allen Hersel, Daniel H. Lepek, 2018-05-02 The Complete Unified Up to Date Guide to Transport and Separation Fully Updated for Today's Methods and Software Tools Transport Processes and Separation Process Principles Fifth Edition offers a unified and up to date treatment of momentum heat and mass transfer and separations processes This edition reorganized and modularized for better readability and to align with modern chemical engineering curricula covers both fundamental principles and practical applications and is a key resource for chemical engineering students and professionals alike This

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Principles and Modern Applications of Mass Transfer Operations Jaime Benitez, 2016-12-08 A staple in any chemical engineering curriculum New edition has a stronger emphasis on membrane separations chromatography and other adsorptive processes ion exchange Discusses many developing topics in more depth in mass transfer operations especially in the biological engineering area Covers in more detail phase equilibrium since distillation calculations are completely dependent on this principle Integrates computational software and problems using Mathcad Features 25-30 problems per chapter The British National Bibliography Arthur James Wells, 1979 **Transport Processes and Separation Process Principles (Includes Unit Operations)** Christie J. Geankoplis, 2003-02-01 The comprehensive unified up to date guide to transport and separation processes Today chemical engineering professionals need a thorough understanding of momentum heat and mass transfer processes as well as separation processes Transp **Solutions Manual to Accompany Separation Processes** Cary Judson King, 1980 Solutions manual to accompany separation processes Cary Judson King, 1974

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Separation Process Principles with Applications using Process Simulators J. D. Seader, Ernest J. Henley, D. Keith Roper, 2015-12-21 Separation Process Principles with Applications Using Process Simulator 4th Edition is the most comprehensive and up to date treatment of the major separation operations in the chemical industry The 4th edition focuses on using process simulators to design separation processes and prepares readers for professional practice Completely rewritten to enhance clarity this fourth edition provides engineers with a strong understanding of the field With the help of an additional co author the text presents new information on bioseparations throughout the chapters A

new chapter on mechanical separations covers settling filtration and centrifugation including mechanical separations in biotechnology and cell lysis Boxes help highlight fundamental equations Numerous new examples and exercises are integrated throughout as well *Separation Process Principles Website* Seader, **Separation Process Principles** J. D. Seader, 2001

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