

ELEMENTARY PRINCIPLES OF CHEMICAL PROCESSES



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micromachining and finishing operations Presents a dedicated chapter on electrochemical planarization of copper interconnects Madhav Datta is the Chairman of Amrita Center for Industrial Research and Innovation and a Distinguished Professor in the Department of Chemical Engineering and Materials Science Amrita University Coimbatore India

Processes in Karst Systems Wolfgang Dreybrodt, 2012-12-06 Karst Systems deal with the guestion of how the subsurface drainage system typical of Karst areas develops from its initial state to maturity Equal attention is given to physical chemical and geological conditions which determine karstification. The reader will find discussions of mass transport chemical kinetics hydrodynamics of fluxes and the role of dissolution and precipitation of Calcite as they occur in experiments and natural environments It offers a wealth of information on a complex natural system to hydrologists hydrochemists geologists and geographers Pharmaceutics Alekha Dash, Somnath Singh, 2013-10-12 Pharmaceutics Basic Principles and Application to Pharmacy Practice is an engaging textbook that covers all aspects of pharmaceutics with emphasis on the basic science and its application to pharmacy practice Based on curricular guidelines mandated by the American Council for Pharmacy Education ACPE this book incorporates laboratory skills by identifying portions of each principle that can be used in a clinical setting In this way instructors are able to demonstrate their adherence to ACPE standards and objectives simply by using this book Written in a straightforward and student friendly manner Pharmaceutics enables students to gain the scientific foundation to understand drug physicochemical properties practical aspects of dosage forms and drug delivery systems and the biological applications of drug administration Key ideas are illustrated and reinforced through chapter objectives and chapter summaries A companion website features resources for students and instructors including videos illustrating difficult processes and procedures as well as practice questions and answers Instructor resources include Powerpoint slides and a full color image bank This book is intended for students in pharmaceutical science programs taking pharmaceutics or biopharmaceutics courses at the undergraduate graduate and doctoral level Chapter objectives and chapter summaries illustrate and reinforce key ideas Designed to meet curricular guidelines for pharmaceutics and laboratory skills mandated by the Accreditation Council for Pharmacy Education ACPE Companion website features resources for students and instructors including videos illustrating difficult processes and procedures and practice questions and answers Instructor resources include Powerpoint slides and a full color image bank

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