



Biomedical Mass Transport and Chemical Reaction: Physicochemical Principles and Mathematical Modeling (Hardback)

By James S. Ultman, Gerald M. Sidel, Harihara Baskaran

John Wiley and Sons Ltd, United Kingdom, 2016. Hardback. Condition: New. 1. Auflage. Language: English . Brand New Book. Teaches the fundamentals of mass transport with a unique approach emphasizing engineering principles in a biomedical environment * Includes a basic review of physiology, chemical thermodynamics, chemical kinetics, mass transport, fluid mechanics and relevant mathematical methods * Teaches engineering principles and mathematical modelling useful in the broad range of problems that students will encounter in their academic programs as well as later on in their careers * Illustrates principles with examples taken from physiology and medicine or with design problems involving biomedical devices * Stresses the simplification of problem formulations based on key geometric and functional features that permit practical analyses of biomedical applications * Offers a web site of homework problems associated with each chapter and solutions available to instructors Homework problems related to each chapter are available from a supplementary website (.



READ ONLINE
[8.79 MB]

Reviews

Certainly, this is actually the very best job by any author. It really is rally exciting throug studying time. You may like how the blogger write this pdf.
-- Rudolph Jones MD

Completely essential go through ebook. I was able to comprehended almost everything using this created e pdf. You will not sense monotony at anytime of your time (that's what catalogs are for relating to if you request me).
-- Timmothy Schulist