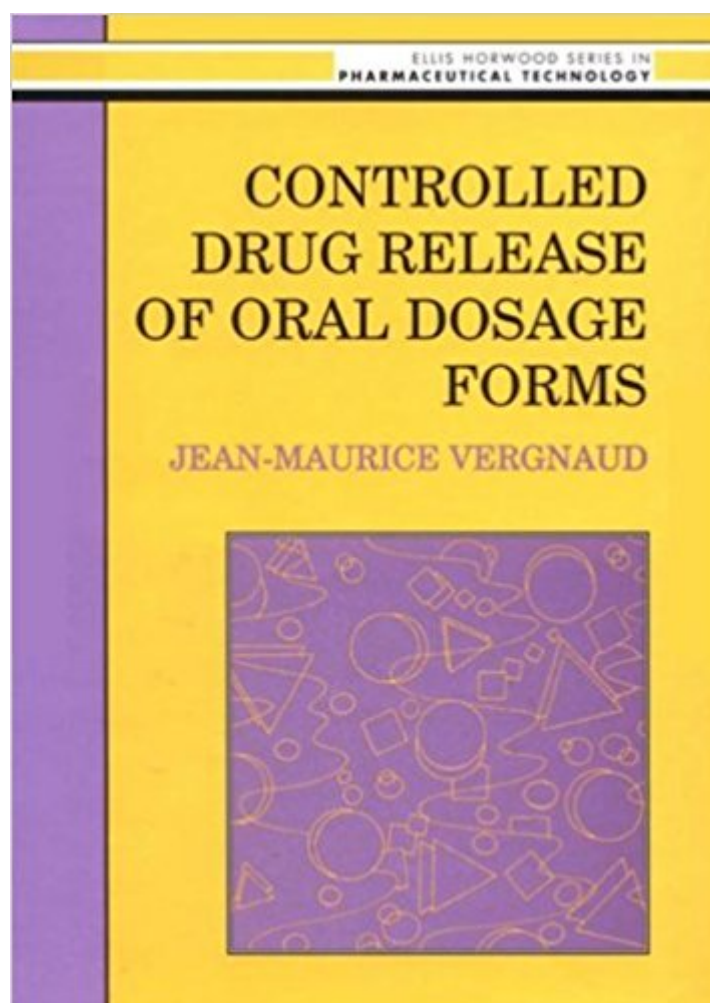


The book was found

Controlled Drug Release Of Oral Dosage Forms (Ellis Horwood Books In The Biological Sciences)



Synopsis

Numerical analysis of matter transfer is an area that pharmacists find difficult, but which is a technique frequently used in preparing controlled drug release and oral dosage forms. This book provides clear and straightforward information enabling the reader to carry out numerical analysis of matter transfer - a vital process when looking at the formulation of oral dosage forms with controlled drug release. The drug is dispersed in a polymeric matrix either biodegradable or not, the basis of which is the transfer of the liquid and the drug through dosage form. Information on this diffusion is found either through mathematical treatment when the problem is simple, or through numerical analysis for more complex problems. Professor Vergnaud demonstrates and clarifies these, modelling the process of drug delivery by using numerical analysis and computerization. A simulation of the process is provided, together with a determination of the effects of all parameters, and the author uses both mathematical and numerical models to predict the preparation of new dosage forms able to fulfil specific conditions.

Book Information

Series: Ellis Horwood Books in the Biological Sciences

Hardcover: 410 pages

Publisher: CRC Press; 1 edition (July 31, 1993)

Language: English

ISBN-10: 0131749544

ISBN-13: 978-0131749542

Product Dimensions: 1.2 x 7.2 x 9.8 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #8,763,544 in Books (See Top 100 in Books) #92 in [Books > Medical Books > Pharmacology > Drug Delivery Systems](#) #571 in [Books > Medical Books > Pharmacology > Chemistry](#) #4007 in [Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Pharmacy](#)

[Download to continue reading...](#)

Controlled Drug Release Of Oral Dosage Forms (Ellis Horwood Books in the Biological Sciences)

DRUG DELIVERY GASTROINTEST TRACT (Ellis Horwood Books in the Biological Sciences)

Pharmaceutical Dosage Forms: Tablets, Third Edition (Three-Volume Set): Pharmaceutical Dosage Forms: Tablets, Volume 1, Second Edition Metals in Biological Systems (Ellis Horwood Series in

Inorganic Chemistry) Combating Resistance to Xenobiotics: Biological and Chemical Approaches (Ellis Horwood Series in Biomedicine) Fracture Mechanics of Polymers (Ellis Horwood series in engineering science) Biomagnetism (Ellis Horwood Series in Physics and Its Applications) Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems Pharmaceutical Dosage Forms & Drug Delivery Systems Helicopter Pilot Oral Exam Guide: When used with the corresponding Oral Exam Guide, this book prepares you for the oral portion of the Private, ... Helicopter Checkride (Oral Exam Guide series) Helicopter Oral Exam Guide: When Used with the Oral Exam Guides, This Book Prepares You for the Oral Portion of the Private, Instrument, Commercial, ... Helicopter Checkride (Oral Exam Guide series) Controlled Drug Delivery: Fundamentals and Applications, Second Edition (Drugs and the Pharmaceutical Sciences) Handbook of Pharmaceutical Controlled Release Technology Controlled Release of Biologically Active Agents Controlled-Release Technology: Pharmaceutical Applications (Acs Symposium Series) Modified-Release Drug Delivery Technology (Drugs and the Pharmaceutical Sciences) (Volume 1) Pharmaceutical Principles of Solid Dosage Forms Sterile Dosage Forms: Their Preparation and Clinical Application Extended Rel Dosage Forms Aircraft Dispatcher Oral Exam Guide: Prepare for the FAA Oral and Practical Exam to Earn Your Aircraft Dispatcher Certificate (Oral Exam Guide series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)