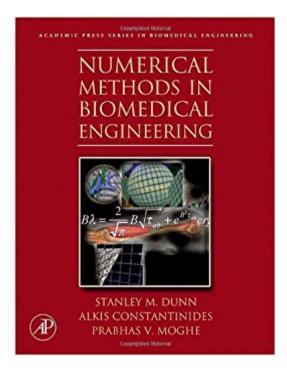
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# Numerical Methods In Biomedical Engineering





## Synopsis

Numerical Modeling in Biomedical Engineering brings together the integrative set of computational problem solving tools important to biomedical engineers. Through the use of comprehensive homework exercises, relevant examples and extensive case studies, this book integrates principles and techniques of numerical analysis. Covering biomechanical phenomena and physiologic, cell and molecular systems, this is an essential tool for students and all those studying biomedical transport, biomedical thermodynamics & kinetics and biomechanics. Supported by Whitaker Foundation Teaching Materials Program; ABET-oriented pedagogical layout MATLAB problem sets and examples available electronically; UNIX, Windows, Mac OS compatible Extensive hands-on homework exercises

### **Book Information**

Series: Biomedical Engineering Hardcover: 632 pages Publisher: Academic Press; 1 edition (November 21, 2005) Language: English ISBN-10: 0121860310 ISBN-13: 978-0121860318 Product Dimensions: 7.7 x 1.6 x 9.5 inches Shipping Weight: 3.2 pounds (View shipping rates and policies) Average Customer Review: 2.3 out of 5 stars Â See all reviews (3 customer reviews) Best Sellers Rank: #109,840 in Books (See Top 100 in Books) #15 in Books > Engineering & Transportation > Engineering > Bioengineering > Biomedical Engineering #45 in Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Medical Technology #46 in Books > Engineering & Transportation > Engineering > Bioengineering > Biotechnology

#### **Customer Reviews**

The book was in a fine condition. The only problems were a few tears on the edges which were mostly covered up by a cheap book cover.

The book does give u a general idea of Maths involved in BME, but imho, this book offers poor explanations, way too many errors, not enough details/info on various topics. I wouldn't waste my money on this.

The authors of this textbook have little skill in writing or editing their own work. The chapters are filled with examples that have blatantly incorrect answers, which only serves to confuse. Did anyone writing this care to double-check their work? Students are better off using Wikipedia. The sample codes provided frequently do not function or require a great amount of revision to work at all. Lazy writing, lazy editing, lazy presentation.

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