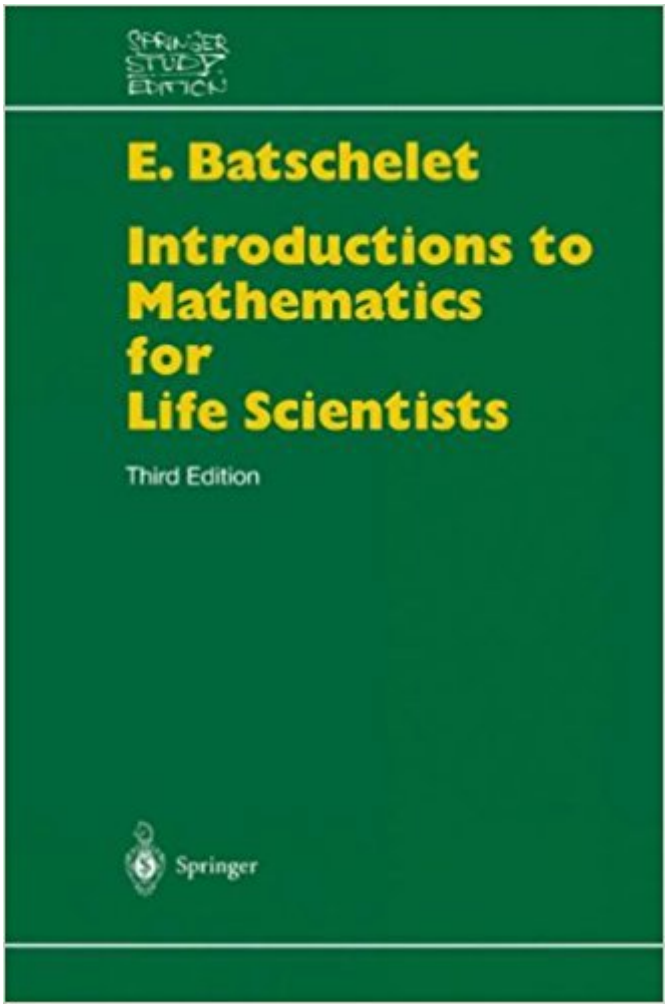
Introduction To Mathematics For Life Scientists (Springer Study Edition)



Synopsis

From the reviews: "...Here we have a book which we can wholeheartedly suggest. The mathematics is sound and pared to essentials; the examples are an impressive, well-chosen selection from the biomathematics literature, and the problem sets provide both useful exercises and some fine introductions to the art of modeling... Batschelet has written an introduction to biomathematics which is notable for its clarity - not only a clarity of presentation, but also a clarity of purpose, backed by a sure grasp of the field..." #Bulletin of Mathematical Biology#1 "For research workers in the biomedical field who feel a need for freshening up their knowledge in mathematics, but so far have always been frustrated by either too formal or too boring textbooks, there is now exactly what they would like to have: an easy to read introduction. This book is highly motivating for practical workers because only those mathematical techniques are offered for which there is an application in the life sciences. The reader will find it stimulating that each tool described is immediately exemplified by problems from latest publications." #Int. Zeitschrift fÃ r klinische Pharmakologie, Therapie und Toxikologie#2

Book Information

Series: Springer Study Edition

Paperback: 646 pages

Publisher: Springer-Verlag; 3rd edition (October 1, 1979)

Language: English

ISBN-10: 3540096485

ISBN-13: 978-3540096481

Product Dimensions: 6.1 x 1.5 x 9.2 inches

Shipping Weight: 2.5 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (4 customer reviews)

Best Sellers Rank: #2,398,578 in Books (See Top 100 in Books) #101 inÂ Books > Science & Math > Mathematics > Applied > Biomathematics #2298 inÂ Books > Textbooks > Science & Mathematics > Astronomy & Astrophysics #2768 inÂ Books > Science & Math > Astronomy & Space Science > Astrophysics & Space Science

Customer Reviews

I wore out my first copy, so I had to get a second one. Great introduction to how different mathematical methods are used in biology. Assumes a bit of calculus, but in general, the ideas and examples can be gleaned without a really strong background.

I would totally recomend this book. Unlike other books that are intended to be helpful for life scientists, i consider this book really useful if you are, for exaple a biologist , not only because it includes many good biological examples but unlike other maths books, every chapter is very clearly explained. It cover almost all the topics youll need as a biologist so its perfect for reviewing and understanding dificult topics. It is also a great help if you are a teacher finding easier ways for explaining some topics o finding more suitable exmples. Finally i would says this boook is excellent even for highschool students. So buy this book you wont regret.

I purchased the 2nd edition of Edward Batschelet's book as a freshman college student in 1978 and have been using it as a reference work ever since. The topics follow logically from the beginning to the end of the book, are very well and clearly presented, and contain numerous excellent examples and applications of the mathematics being discussed. The problems for solution are good too and the book contains the worked solutions to all of the odd-numbered problems. I particularly appreciated the fact that all of the examples and applications were sourced from actual research papers - very useful. I would recommend this book to any life scientist as a basic reference work; it has served me very well for more than 35 years.

excelente producto

Vectors (Springer Undergraduate Texts in Mathematics and Technology) Vector Calculus (Springer Undergraduate Mathematics Series) Hyperbolic Geometry (Springer Undergraduate Mathematics Series) Trees (Springer Monographs in Mathematics) The Higher Infinite: Large Cardinals in Set Theory from Their Beginnings (Springer Monographs in Mathematics) Convexity and Optimization in Banach Spaces (Springer Monographs in Mathematics) Ordinary Differential Equations: Analysis, Qualitative Theory and Control (Springer Undergraduate Mathematics Series)