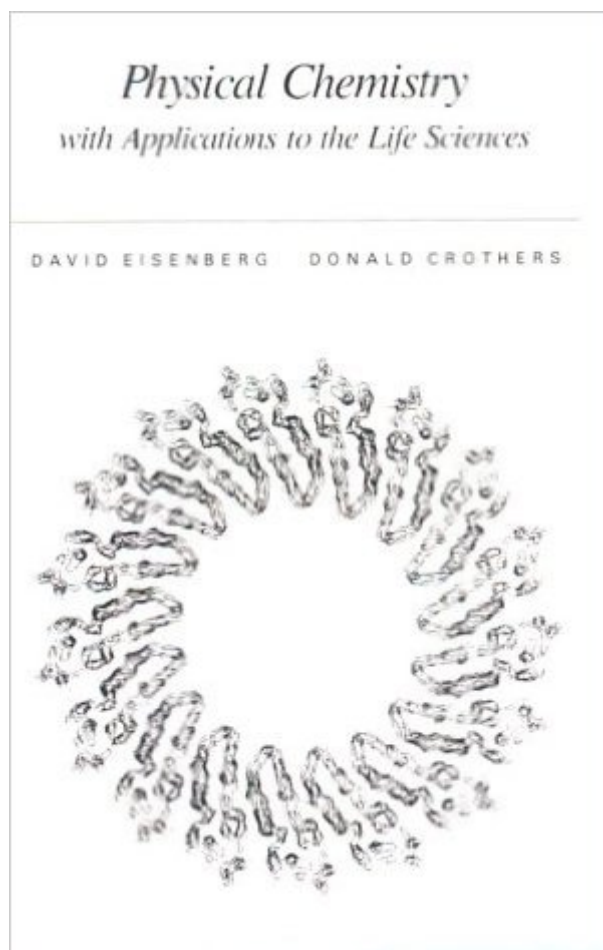


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# Physical Chemistry: With Applications To The Life Sciences



## Synopsis

Emphasizes aspects of physical chemistry in relation to the applications of life sciences.

## Book Information

Hardcover: 868 pages

Publisher: The Benjamin / Cummings Publishing Company (1979)

Language: English

ISBN-10: 080532402X

ISBN-13: 978-0805324020

Product Dimensions: 6 x 1.8 x 9 inches

Shipping Weight: 2.4 pounds

Average Customer Review: 4.0 out of 5 stars [See all reviews](#) (8 customer reviews)

Best Sellers Rank: #440,019 in Books (See Top 100 in Books) #103 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Biochemistry](#) #118 in [Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry](#) #483 in [Books > Engineering & Transportation > Engineering > Bioengineering > Biochemistry](#)

## Customer Reviews

This book gives a good overview of physical chemistry for bio students. It is somewhat abridged-covers almost all the topics in a normal P chem course-but places its main emphasis on describing the concepts in the context of cellular and molecular biology. Most chapters have a short section describing how topics relate to biochemistry (DNA renaturation is a 2nd order reaction, thermodynamics of ions in solutions, ions and cell membranes, etc.)It makes use of some calculus, but eases into it gently to avoid overwhelming the student. I grant you that it is about 20 years old, but the laws of thermodynamics and quantum mechanics haven't changed much in this time.

This is simply the best physical chemistry text I have ever used. It is full of unique insights that are thought-provoking, presents things from a physical, rather than mathematical perspective, and explains thermodynamics better than anything else I have read.

Dear ReadersI wonder how come there was only one edition?The authors discuss the personalities and lives of who, I am assuming they consider "heroes" of science.If it were only so simple. What about the other "greats"? Right, I get it.I got this thing in 2005. And it was originally published back in 1979.I wonder "have things changed since then?"....the era of the 1970's. Kind of an idealistic

era. ( to cross-reference check out Edward Teller's interview on You Tube where he discusses the "control" scientists have on their discoveries....."for better or worse".....as he puts it....thx)In some ways the book is good. It's certainly user friendly. That is it contains a lot of solved problems.I would certainly have been interesting to be in the author's classes. Just to "check out their psychology".The suicide note of Percy Bridgman is talked about. ( another "star" of the physical sciences who could have gotten the cure for cancer but didn't)Then of course there are the shall we call it the "human interest" essays that are dotted throughout the book. This book is almost as much about the humanities as it is the sciences. That is the authors seem to be trying to make a point about humanity as much as they are trying to teach one physical chemistry.Interestingly enough there is only one edition of the book.Despite all this the book contains lots of good problem solutions and discussions and good true or false quizzes at the end of each chapters.sjw

The book is in good condition and its explanations are very clear

I had to purchase this book for class and it served as very helpful for the study sheet I made for my first exam. This text was required so I'm not sure how it compares to other Physical Chemistry textbooks but it does the job!

Much theory little practice

This is the hardback version of  $\hat{A}$  Physical Chem with Applicatns Life Sciences# ISBN-10: 9780805324020# ISBN-13: 978-0805324020# ASIN: 080532402X

Boring and confusing, not sure if I'm a just idiot but it wasn't worth the pay or the time. Good luck

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