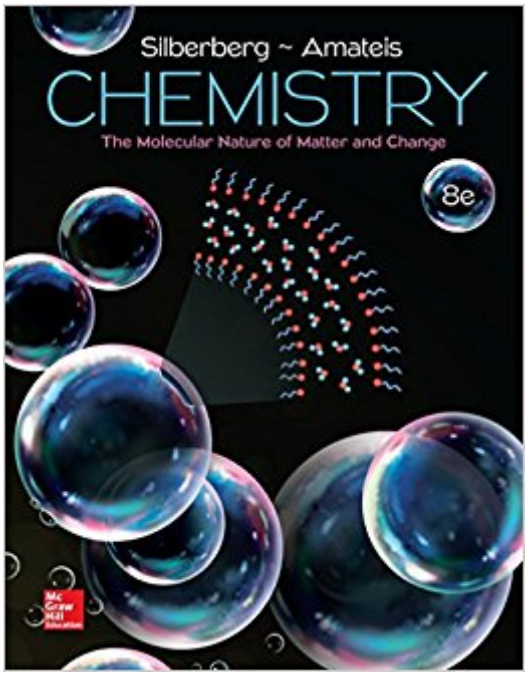
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Chemistry: The Molecular Nature Of Matter And Change (WCB Chemistry)



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Synopsis

Chemistry: The Molecular Nature of Matter and Change by Martin Silberberg and Patricia Amateis has been recognized in the general chemistry market as an unparalleled classic. The revision for the eighth edition focused on continued optimization of the text. Ã Â To aid in this process, we were able to use data from literally thousands of student responses to questions in LearnSmart, the adaptive learning system that assesses student knowledge of course content. Ã Â The data, such as average time spent answering each question and the percentage of students who correctly answered the question on the first attempt, revealed the learning objectives that students found particularly difficult, which we addressed by revising surrounding text or adding additional learning resources such as videos and slideshows. The text still contains unprecedented macroscopic-to-microscopic molecular illustrations, consistent step-by-step worked exercises in every chapter, and an extensive range of end-of-chapter problems, which provide engaging applications covering a wide variety of interests, including engineering, medicine, materials, and environmental studies. Changes have been made to the text and applications throughout to make them more succinct, to the artwork to make it more teachable and modern, and to the design to make it more simplistic and open.Ã Â

Book Information

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Customer Reviews

Patricia Amateis graduated with a B.S. in Chemistry Education from Concord University in West Virginia and a PhD in Analytical Chemistry from Virginia Tech. She has been on the faculty of the

Chemistry Department at Virginia Tech for 28 years, teaching General Chemistry and Analytical Chemistry. For the past 13 years, she has served as Director of General Chemistry, responsible for the oversight of both the lecture and lab portions of the large General Chemistry program. She has taught thousands of students during her career and has been awarded the University Sporn Award for Introductory Teaching, the Alumni Teaching Award, and the William E. Wine Award for a history of university teaching excellence. She and her husband live in Blacksburg, Virginia and are the parents of three adult children. In her free time, she enjoys biking, hiking, competing in the occasional sprint triathlon, and playing the double second in Panjammers, BlacksburgÃ¢â ¬â„¢s steel drum band.Martin S. Silberberg received his B.S. in chemistry from the City University of New York in 1966 and his Ph.D. in chemistry from the University of Oklahoma, in 1971. Ã Â He then accepted a research position at the Albert Einstein College of Medicine, where he studied the chemical nature of neurotransmission and Parkinson's disease. Ã Â In 1977, Dr. Silberberg joined the faculty of Simon's Rock College of Bard (Massachusetts), a liberal arts college known for its excellence in teaching small classes of highly motivated students. Ã Â As Head of the Natural Sciences Major and Director of Premedical Studies, he taught courses in general chemistry, organic chemistry, biochemistry, and nonmajors chemistry. Ã Â The close student contact afforded him insights into how students learn chemistry, where they have difficulties, and what strategies can help them succeed. Ã Â In 1983, Dr. Silberberg decided to apply these insights in a broader context and established a text writing and editing company. Ã Â Before writing his own text, he worked on chemistry, biochemistry, and physics texts for several major college publishers. Ã Â He resides with his wife and child in Massachusetts. Ã Â For relaxation, he cooks, sings, and walks in the woods.

It's a chemistry book, what could there be to say?While I found it hard to focus too long on the content, it 50/50 between the subject matter and how it was presented in the book. At times, I found it somewhat interesting, but that was mostly due to content and not the writing.Now, I know what you're thinking: "It's a textbook, bestselling novel." However, as one who enjoys non-fiction often more than fiction, I can tell you science, history, math, etc. don't have to be boring. In fact, it's often riveting and I wonder how much effort they put in to make it dull as dirt.On the other hand, I used this text for two consecutive courses in one summer - 24 chapters in two months, and as the poor professor struggled to get through everything in record breaking speed, I discovered without the information gleaned from reading the chapters in advance, I would have been hopelessly lost. So while dully written, it is informative.

I've used this textbook last quarter for gen chem I and I rented it. I decided to purchase it this time seeing on how I'm using it again for gen chem II and it's very informative. The author breaks down things multiple times to ensure that you grasp the concept at hand.

Unable to trade this book to my local university at the end of the quarter "They're updating to a new version". Rent it unless you need it for multiple quarters/semesters.

Used this for a college chem class and it was a great deal. I didn't notice a difference between my AP version and the class version. I as more impressed how fast it arrived with not dings on the corners.

This book arrived as an international edition to be used for outside of the united states so beware

it is a good book and I like how there are example problems within the text as you go along. I just wish it wasn't quite so busy on each page. there is a lot to see in the margins and things and it was a little bit distracting, but it is a good book in how it explains most of the concepts and help you apply and practice them.

I recommend saving money and buying this old edition rather than buying the 6th edition. I found it to be completely similar and even better in some aspects. So worth it!

I rented this for chemistry class I had. Although I didn't read it too much, when I needed to, it did offer me a great deal of information that was easy to understand.

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