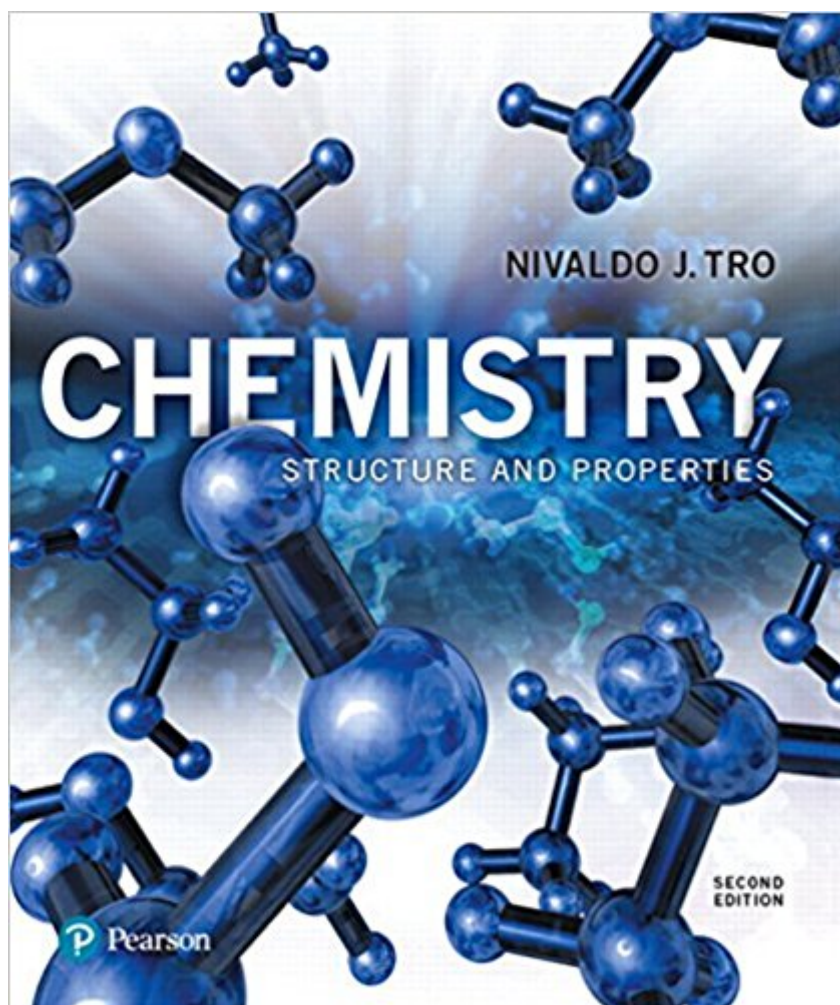


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# Chemistry: Structure And Properties (2nd Edition)



## Synopsis

For courses in two-semester general chemistry. **•** Tells the story of chemistry in a unified and thematic way while building 21st century skills. Bestselling author Nivaldo Tro's premise is that matter is particulate - it is composed of molecules; the structure of those particles determines the properties of matter. **•** This core idea is the inspiration for his seminal text "Chemistry: Structure and Properties. Dr. Tro emphasizes the relationship between structure and properties, establishes a unique approach to teaching chemistry by presenting atomic and bonding theories early in the course, and stresses key concepts and themes in text, images, and interactive media. The book is organized to present chemistry as a logical, cohesive story from the microscopic to the macroscopic, so students can fully grasp the theories and framework behind the chemical facts. Each topic is carefully crafted to convey to students that the relationship between structure and properties is the thread that weaves all of chemistry together. **•** The 2nd Edition works seamlessly with Mastering<sup>®</sup> Chemistry and new eText 2.0 to engage students in active learning and the world of chemistry. Dr. Tro helps readers build 21st century skills, engaging them through new end-of-chapter questions "Data Interpretation and Analysis questions present real data in real life situations and ask students to analyze that data, and Questions for Group Work foster collaborative learning and encourage students to work together as a team to solve problems. Dr. Tro also engages students through the power of video, animations, and real-time assessment with new and expanded interactive media. New Key Concept Videos, newly interactive Conceptual Connections and Self-Assessment Quizzes, and Interactive Worked Examples are embedded in the new eText 2.0 version of the book, enabling students to make connections that they cannot make by simply reading a static page. **•** Also available with Mastering<sup>®</sup> Chemistry Mastering<sup>®</sup> Chemistry is the leading online homework, tutorial, and assessment system, designed to improve results by engaging students with powerful content. The enhanced eText 2.0 and Mastering Chemistry work with the book to provide seamless and tightly integrated videos and other rich media and assessment throughout the course. Instructors can assign interactive media before class to engage students and ensure they arrive ready to learn. Students further master concepts through book-specific Mastering Chemistry assignments, which provide hints and answer-specific feedback that build problem-solving skills. With Learning Catalytics<sup>®</sup> instructors can expand on key concepts and encourage student engagement during lecture through questions answered individually or in pairs and groups. Mastering Chemistry now provides students with the new General Chemistry Primer for remediation of chemistry math skills needed in the general chemistry course. **•** **•** Note: You are purchasing a standalone product; MyLab<sup>®</sup> & Mastering<sup>®</sup> does not

come packaged with this content. Students, if interested in purchasing this title with MyLab & Mastering, ask your instructor for the correct package ISBN and Course ID. Instructors, contact your Pearson representative for more information. If you would like to purchase both the physical text and MyLab & Mastering, search for: 0134436520 / 9780134436524 Chemistry: Structure and Properties Plus Mastering Chemistry with eText -- Access Card Package, 2/e Package consists of: 0134449231 / 9780134449234 Mastering Chemistry with Pearson eText -- ValuePack Access Card -- for Chemistry: Structure and Properties, 2/e 0134293932 / 9780134293936 Chemistry: Structure and Properties, 2/e Mastering Chemistry should only be purchased when required by an instructor.

## Book Information

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## Customer Reviews

Nivaldo Tro received his Ph.D. in Chemistry from Stanford University. He completed his postdoctoral research at the University of California at Berkeley. In 1990, Dr. Tro became a faculty member at Westmont College in Santa Barbara, California. During his time at Westmont, he has been awarded grants from the American Chemical Society, Research Corporation, and the National Science Foundation. Dr. Tro has received Westmont's outstanding teacher of the year award three times. He is the successful author of several bestselling texts including, Introductory Chemistry, 6e (Pearson), Chemistry: A Molecular Approach, 4e (Pearson), and Chemistry: Structure and Properties, 2e (Pearson).

you will not be able to use this book in class. it requires an online access code to be able to access

more information required for class and that access code is almost \$300. better off buying the book new. just ridiculous.

I got this for class and I didn't use it a whole lot, when I did actually use it though, it was informative.

This book is the required textbook for my class and it is actually a very good book for learning chemistry. Lots of good practice problems as well.

I'm very thankful for the rental on this book! It was a great value.

The book is readable but it is really damaged. I expect them to receive the book and not blame me for the damage. I have picture as evidence.

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Its a great book and it helped me a lot. The only problem is that a lot of problems and questions don't have answers, and some answers are wrong. Definitely worth using.

Pretty solid textbook. Definitely helped me through my intensive chem course. Would recommend this to anyone who can teach themselves well and stay on top of reading daily.

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