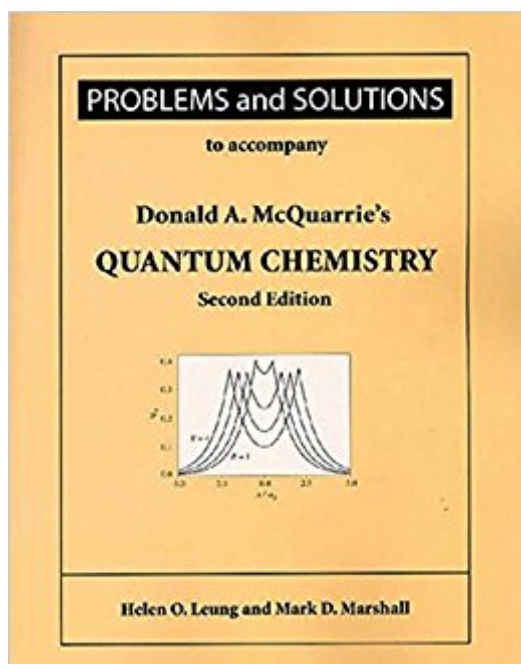




The book was found

Problems And Solutions For Mcquarrie's Quantum Chemistry



Synopsis

This Solutions Manual accompanies the second edition of Donald McQuarrie's Quantum Chemistry. It contains each of the more than 700 problems in the text, followed by a detailed solution. Written by chemistry faculty members Helen O. Leung and Mark D. Marshall, both of Amherst College, in conjunction with Prof. McQuarrie, each solution combines the clarity the authors use in teaching the same material in their own classrooms with the rigor appropriate to learning and appreciating an introduction to quantum chemistry. Both Helen Leung and Mark Marshall are recipients of the Henry Dreyfus Teacher-Scholar Award. They bring to the manual the insight gained from years of using quantum mechanics as spectroscopists with active research programs along with strong, effective pedagogy.

Book Information

Paperback: 647 pages

Publisher: University Science Books; 2 edition (October 22, 2007)

Language: English

ISBN-10: 1891389521

ISBN-13: 978-1891389528

Product Dimensions: 11 x 8.5 x 1.3 inches

Shipping Weight: 3.3 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars 12 customer reviews

Best Sellers Rank: #264,305 in Books (See Top 100 in Books) #9 in [Books > Science & Math > Chemistry > Physical & Theoretical > Quantum Chemistry](#) #90 in [Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry](#) #1045 in [Books > Textbooks > Science & Mathematics > Chemistry](#)

Customer Reviews

Mark D. Marshall and Helen O. Leung are faculty members in the chemistry department at Amherst College with over 30 years of combined experience teaching physical chemistry to undergraduates. They maintain active research programs in high resolution molecular spectroscopy of weakly bound species and reactant complexes and have appeared as authors on 50 scientific papers. They are both recent recipients of the Henry Dreyfus Teacher-Scholar Award and both received the John F. Burlew Award of the Connecticut Valley Section of the American Chemical Society for outstanding contributions to chemistry in their formative years. According to their students, they bring infectious enthusiasm and encouragement to the classroom and make you think about the big picture.

If you are taking physical/quantum chemistry and use McQuarrie's book, this is a must-have. After buying so many solutions manuals, its nice when they come with ALL of the answers, and not just "selected" answers or odd/even answers. Additionally, this book tends to show ALL of the steps (at least assuming you have at least a minimal level of competence) required to solve the problems, and includes clearly worded explanations when required. Though a class in physical/quantum chemistry may only be a 1-star (if you're not planning on continuing into it for specialization), this solutions manual definitely deserves 5-stars.

importantv important for p chem

This book is handy when you have tons of homework to finish in a small amount of time, and you just want to get the answers down and learn the material later. I know, not the best way to study, but everyone's different. I don't recommend this book for studying, only for getting the final answer. The explanation of the answers is hit or miss. Some will tell you most steps of the process, but the majority of them skip several steps and don't tell you how they arrived at their result. It's frustrating because McQuarrie's text is difficult to understand sometimes and I wish I'd had a second explanation of the material.

Great help for solving book problems.

Very helpful.....

Helped me learn the material.

For the most part helpful, but leaves some critical derivations out for the reader to work through. If anything, a good source of study material, but not a great solutions manual.

Detailed, answers every question in at the end of each chapter. Very helpful. I did not give it five starts because it there are some questions that leave unanswered questions. But for the most part this is a great study helper.

[Download to continue reading...](#)

Problems and Solutions for McQuarrie's Quantum Chemistry Problems & Solution for McQuarrie's

Quantum Chemistry (07) by Leung, Helen O - Marshall, Mark [Paperback (2007)] Problems and Solutions to Accompany Mcquarrie and Simon, Physical Chemistry: A Molecular Approach Problems and Solutions in Quantum Chemistry and Physics (Dover Books on Chemistry) Solutions To Accompany Mcquarrie's Mathematical Methods For Scientists And Engineers. Advanced Molecular Quantum Mechanics: An Introduction to Relativistic Quantum Mechanics and the Quantum Theory of Radiation (Studies in Chemical Physics) Prostate Problems Home Remedies, How To Fight Prostate Problems At Home, Get Rid Of Prostate Problems Fast!: Back On Track - Fighting Prostate Problems At Home Student Solutions Manual for Quantum Chemistry and Spectroscopy Ace General Chemistry I and II (The EASY Guide to Ace General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Student Solutions Manual for Quantum Chemistry Study Guide: Ace Organic Chemistry I - The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries) Star Wars Art: Ralph McQuarrie Star Wars Art: Ralph McQuarrie (100 Postcards) 100 Math Brainteasers (Grade 7, 8, 9, 10). Arithmetic, Algebra and Geometry Brain Teasers, Puzzles, Games and Problems with Solutions: Math olympiad contest problems for elementary and middle schools Recent Advances in the Theory of Chemical and Physical Systems: Proceedings of the 9th European Workshop on Quantum Systems in Chemistry and Physics ... in Theoretical Chemistry and Physics) Physical Chemistry: Quantum Chemistry and Molecular Interactions, Books a la Carte Plus MasteringChemistry with eText -- Access Card Package Modern Quantum Chemistry: Introduction to Advanced Electronic Structure Theory (Dover Books on Chemistry) Quantum Chemistry & Spectroscopy Plus MasteringChemistry with eText -- Access Card Package (3rd Edition) (Engel Physical Chemistry Series) Quantum Mechanics in Chemistry (Dover Books on Chemistry) How trace element selenium affects men's health: Discover how selenium can affect: prostate problems, eczema problems, asthma breathing, and 9 other health problems

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)