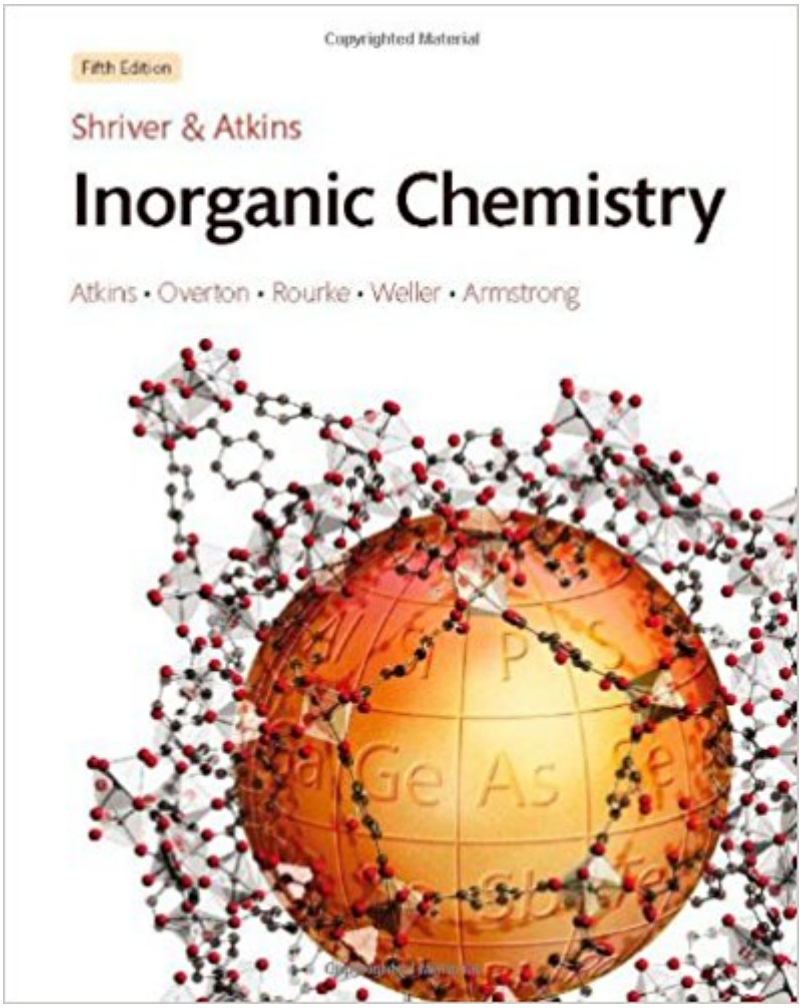
Solutions Manual To Accompany Shriver & Atkins' Inorganic Chemistry



Synopsis

Shriver and Atkins' Inorganic Chemistry fifth edition represents an integral part of a student's chemistry education. With the same broad coverage as its predecessors - making it the ideal companion for the duration of an undergraduate degree programme - the fifth edition extends from the foundational concepts of inorganic chemistry to the forefront of contemporary research. The book seeks not just to impart knowledge, but to engage and enthuse its readers. Its unique 'Frontiers' chapters cover materials science, nanotechnology, catalysis, and biological inorganic chemistry, and have been fully updated to reflect advances in these key areas of contemporary research and industrial application. Further, examples throughout show the relevance of inorganic chemistry to real-life situations, to encourage students to engage fully with the subject. Inorganic chemistry spans a huge range of elements, whose characteristic similarities and differences students must be familiar with. Inorganic Chemistry rises to this challenge by setting out the key trends exhibited within the periodic table, and by the elements comprising each Group. These trends and behaviours are illuminated with illustrative examples, placing the content in a clear, relevant context. The Online Resource Centre contains: For students: Tables for group theory - comprehensive group theory tables available for downloading Videos of chemical reactions - Video clips demonstrating some key chemical experiments Web links - web links to a range of additional physical chemistry resources on the web 3D rotatable molecular structures - nearly all of the numbered structures from the book in rotatable format Answers to self-tests and exercises For registered adopters of the book: Artwork and tables of data - electronic versions of the figures, structures and tables from the book are available to download Figures in PPT - almost all of the figures are available in PPT Molecular modelling problems Test bank - in Word format --This text refers to an out of print or unavailable edition of this title.

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Customer Reviews

Shriver and Atkins Inorganic Chemistry is an excellent undergraduate textbook which allows students to develop their understanding of the principles or inorganic chemistry and their applications in modern research as they work through the book. The layout of the book, the excellent standard of presentation and the use of well chosen worked examples and very useful open ended problems make this an extremely accessible text. The Higher Education Academy UK Physical Sciences Centre --This text refers to an out of print or unavailable edition of this title.

The author team comprises chemical educators and researchers who are at the cutting edge of their fields, and who are perfectly placed to write a text that is accessible to students, uniformly authoritative and up-to-date in its coverage. --This text refers to an out of print or unavailable edition of this title.

I have to mention that that the author, Atkins, also writes textbooks for physical chemistry. That partially explains why the content is taught in a linear fashion with mathematical formulas. It seems to give only brief explanations of certain topics, where the assigned problems, in the book, ask questions where you are required to use equations not even mentioned in the textbook. This textbook feels incomplete; there isn’t even a mention of Slater’s rule or using Vsper theory alongside MO theory. It is definitely lacking.

The explanations are pretty good. However they are a bit lacking for some fundamental and difficult concepts such as constructing MO theory orbitals and how it is done. The first chapter is rather dry and easy to just skip, but should just be review from lower level chemistry courses. I will try to update this review as I follow the book through the class. Thankfully my professor is amazing.Edit: Further in the semester and decreasing the score from a 4 to a 3. The book barely touches on hard/soft acid/base chemistry which is a huge topic for predicting reactions. Some theoretical topics are covered in great detail, but are wholly useless for the level this book is written at. They explain lattices to great detail but lack sufficient explanation for all the ways Born-Haber cycles can be used. Equations aren’t always presented well (not in their own paragraph) which makes reading difficult.

Example problems aren’t well explained. Basically, the book covers information very well, but it doesn’t cover the information it needs to cover for a course well enough.

As a chemistry major, I hate this book. WAY too much jargon, extremely difficult to understand, very long passages in almost fine print (hurt my eyes). Very few figures to really explain chemistry (most chemistry is visual) and this book does a horrible job explaining what you are looking at, sometimes it doesn’t even explain it. Better off using google or a different book.At least the book comes in great condition. (because why even open this piece of garbage)

Great book, (I also found the pdf of it online). It really covers everything very nicely and it’s very clearly laid out. I like how the layout helps break up the pages so that it’s not like just looking at a block of dry text (inorganic and physical chem books tend to do that a lot - See Ira Levine, Physical Chemistry 6th).

The biggest problem with the paperback version of this textbook is that it is printed in black and white but the figures use color to differentiate between items. Not being able to figure out which line is supposed to be red or which is supposed to be blue, for example, makes understanding these already dense discussions even more difficult.

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As my title describes, I am completely dissatisfied with this book. It it vaguely written. It does not clearly and concisely explain concepts or questions. It is written as if it is NOT an introductory textbook. It assumes you know principles that an introductory student does not know, which contributes to the poor explanations. The practice questions in the book are vague as well. Most of the time, it is difficult to understand what is even being asked and the wording is confusing rather than clear and to the point. There are multiple mistakes in the book and answer key (the answer key has most of the mistakes and explains things with concepts not even described in the book, but I’ll save its comments for its own review). I would not recommend this book. I would actually strongly discourage it and recommend "Inorganic Chemistry" by Gary Miessler or Catherine Housecroft.

Ordered book that was listed to be in good condition. When the book arrived it was far from good

condition. The spine is badly torn and the beginning pages are about to fall out because of this. The actual condition of the book was not reflected in the description purely to charge more for the book.

Solutions Manual to accompany Shriver & Atkins' Inorganic Chemistry Atkins Diet: Dr Atkins New Diet Revolution - 6 Week Low Carb Diet Plan for You (Atkins Diet Book, Low Carb Cookbook, Atkins Diet Cookbook, High Protein Cookbook, New Atkins Diet) ATKINS: Atkins Diet Disaster: Avoid The Most Common Mistakes - Includes Secrets for RAPID WEIGHT LOSS with the Low Carb Atkins Diet (Atkins diet, Atkins ... diet, Paleo diet, Anti inflammatory diet) The Atkins Diet Head Start: The trusted guide to to healthy atkins foods and tasty aktins meal plans for your weight loss revolution (atkins diet, atkins ... diet book 2017, atkins for beginners) ATKINS: The Ultimate ATKINS Diet Recipes!: Atkins Diet: Top Atkins Diet Recipes for Beginners Atkins Diet: Atkins Diet For Diabetes-Low Carb High Protein Diet To Lower Your Blood Sugar & Lose weight-14 Day meal plan-42 Recipes (Atkins Diet Quickstart ... Diet,diabetes,reverse type 2,atkins) Atkins Diet: A 14-Day Atkins Diet Plan For A Simple Start (A Guide To The Atkins Diet Plus A Diet Plan To Achieve Your Weight Loss Goals) The Revolutionary Atkins Diet: Say Goodbye to those stubborn Belly Fat Forever (Weight Loss, Proteins, Atkins Diet, Atkins, Clean Eating, Low Carb, Paleo, ... Protein Diet, Healthy Fats, Maintenance) Atkins Diet: Ultimate Atkins Dietâ ™s Recipe Cookbook (Atkins Diet, Ketogenic Diet, Weight Loss) ATKINS: The Ultimate ATKINS Diet Recipes!: Top Atkins Diet Recipes for Beginners (Lose Weight Now!) (Volume 1) Reaction Mechanisms of Inorganic and Organometallic Systems (Topics in Inorganic Chemistry) Inorganic and Organometallic Polymers (Special Topics in Inorganic Chemistry) Molecular Visions (Organic, Inorganic, Organometallic) Molecular Model Kit #1 by Darling Models to accompany Organic Chemistry Solutions Manual Inorganic Chemistry 3e Inorganic Chemistry Solutions Manual Student Solutions Manual to accompany Chemistry: The Molecular Nature of Matter and Change Student Solutions Manual To Accompany Modern Physical Organic Chemistry Solutions Manual to Accompany Elements of Physical Chemistry Solutions Manual to accompany Physical Chemistry for the Life Sciences A Good Man: Rediscovering My Father, Sargent Shriver