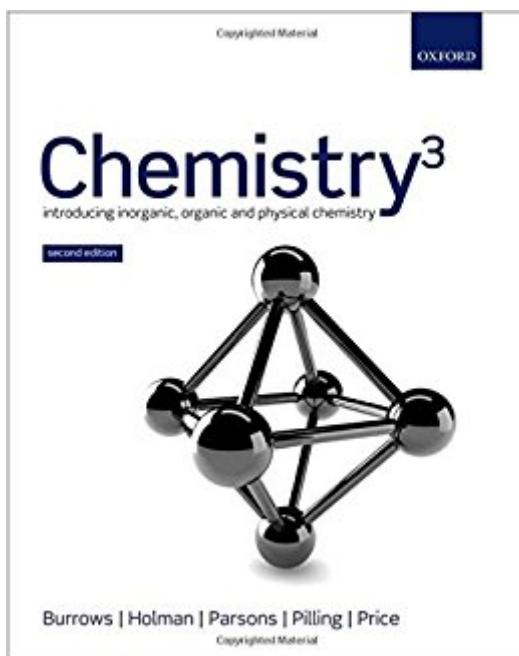


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Chemistry³: Introducing Inorganic, Organic, And Physical Chemistry



Synopsis

Unique among introductory chemistry texts, Chemistry, Second Edition, is written by a team of chemists to give equal coverage of organic, inorganic, and physical chemistry--coverage that is uniformly authoritative throughout. A special feature is the mechanistic approach to organic chemistry, rather than the old-fashioned "functional group" approach. Chemistry tackles two issues pervading chemistry education: students' mathematical skills, and their ability to see the subject as a single, unified discipline. It provides structured support, in the form of careful explanations, reminders of key mathematical concepts, step-by-step calculations in worked examples, and a Maths Toolkit, to help students get to grips with the essential mathematical element of chemistry. Frequent cross-references highlight the connections between each strand of chemistry and explain the relationship between the topics so that students can develop an understanding of the subject as a whole. An accompanying Companion Website (www.oup.com/uk/orc/bin/9780199691852) offers a variety of resources: For students:- Interactive and animation-based activities- Fully worked answers to many questions from the book- 3D rotatable molecular structures - Interactive 3D animations of key reactions- Videos - Links to relevant video content- Learning outcomes, summaries, and key equations for each chapter- A "Transition to Chemistry" site For instructors (registered adopters of the book)- A test bank of multiple-choice questions- Downloadable illustrations from the book

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Customer Reviews

Review from previous edition: "On reading the background information provided for this text, I could

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Andrew Burrows teaches in the Department of Chemistry at the University of Bath. John Holman is Professor of Science Education and Director of the National Science Learning Centre, University of York. Andrew Parsons teaches in the Department of Chemistry at the University of York. Gwen Pilling was formerly part of the Science Education Group at the University of York. Gareth Price teaches in the Department of Chemistry at the University of Bath.

An absolute delight of a book ... written really clearly and although in an Indian context the inorganic coverage is smaller , it will make ur study from other sources much rewarding if u study it first from here . Physical is wonderful but the highlight Is the mechanistic coverage of organic chemistry . Read this organic and delve deeper into any book and that book will become so rewarding with the background of this one . One last point .- the figures are absolutely wonderful in this book ... Almost explains all the concepts visually ... an amazing and effective learning aid

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