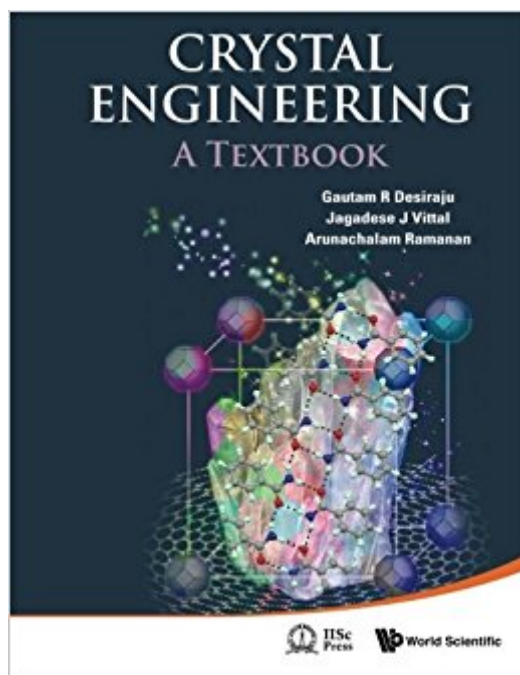


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Crystal Engineering: A Textbook



Synopsis

This book is important because it is the first textbook in an area that has become very popular in recent times. There are around 250 research groups in crystal engineering worldwide today. The subject has been researched for around 40 years but there is still no textbook at the level of senior undergraduates and beginning PhD students. This book is expected to fill this gap. The writing style is simple, with an adequate number of exercises and problems, and the diagrams are easy to understand. This book consists major areas of the subject, including organic crystals and co-ordination polymers, and can easily form the basis of a 30 to 40 lecture course for senior undergraduates. Readership: Undergraduate and graduate students in crystallography as well as academics and industry players.

Book Information

Paperback: 232 pages

Publisher: World Scientific Publishing Company; 1 edition (June 20, 2011)

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Average Customer Review: 5.0 out of 5 stars 2 customer reviews

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Customer Reviews

"This book has a modern layout and much care has gone into preparing numerous figures and attractive illustrations. This book manages well to illustrate the interdisciplinary character and the central role of crystallography in many research areas today." -- Crystallography Reviews "The length, its modest price, its fair and balanced treatment of topics, and its breadth and style make it perfectly suited to serve as a one-semester course to introduce crystal engineering to undergraduate or first-year graduate students in chemistry or materials science. It effectively addresses a need that has been created by the explosive growth of crystal engineering research in the past two decades." -- Nature Chemistry "Crystal Engineering is an entry point to the field for beginners, for students, and for everyone who is willing to look at solid state chemistry and

crystallography from a less traditional angle. The glossary is very useful. Importantly the book has a very affordable price, which is nowadays a precondition, together with quality and clarity, to be successful as a textbook." -- Angewandte Chemie International Edition

This book is important because it is the first textbook in an area that has become very popular in recent times. There are around 250 research groups in crystal engineering worldwide today. The subject has been researched for around 40 years but there is still no textbook at the level of senior undergraduates and beginning PhD students. This book is expected to fill this gap. The writing style is simple, with an adequate number of exercises and problems, and the diagrams are easy to understand. This book consists major areas of the subject, including organic crystals and co-ordination polymers, and can easily form the basis of a 30 to 40 lecture course for senior undergraduates.

I am hoping to complete my PhD study within 3 years. I am fortunate to investigate on unexplored territory in this relatively new field of study called Crystal engineering.

Excellent book, Highly recommended. Thanks

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