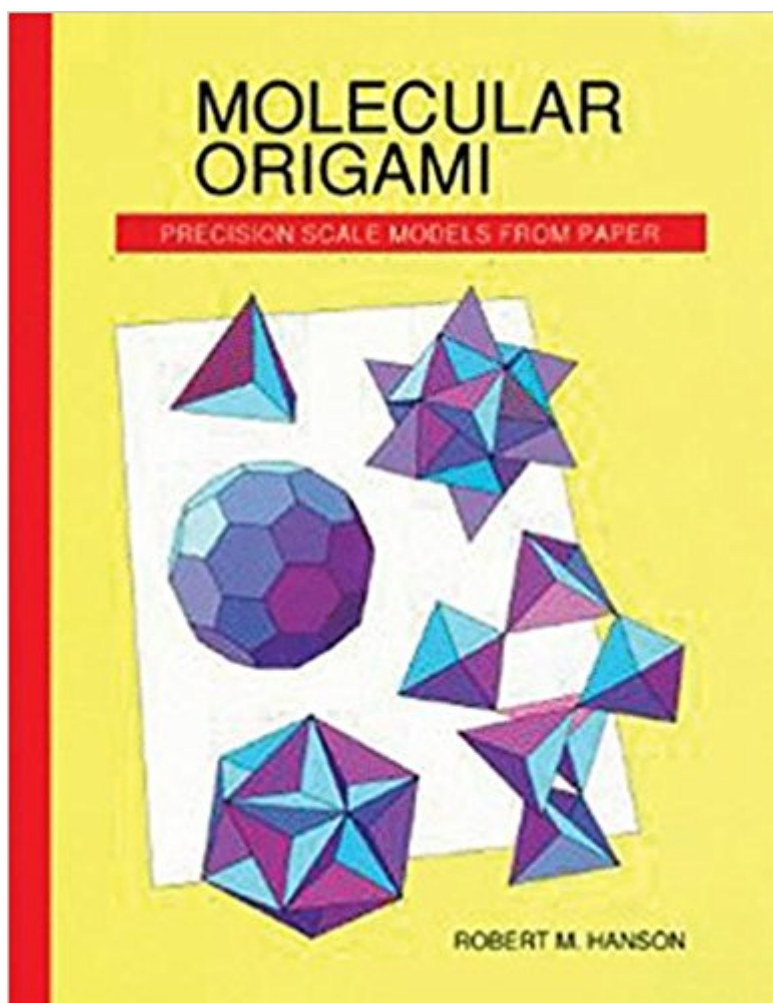




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Molecular Origami: Precision Scale Models From Paper



Synopsis

Designed as a workbook and resource for students, teachers and chemists who want to create and study paper models of molecules and ions, this book includes: folding instructions; basic background information about bonding; general questions and answers; and over 60 tear-out model patterns representing basic shapes and ideas. The shapes and models are based on actual data and provided in scale.

Book Information

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Average Customer Review: 2.7 out of 5 stars 3 customer reviews

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Customer Reviews

"Each pattern comes complete with chemistry questions to set students thinking." -- New Scientist

This book is an excellent source of foldable paper patterns for a broad range of chemical compounds and I think it would be great for some chemistry classes - but I expected no cut folding because the title included origami. The specially shaped models have to be cut out first and then folded to represent the compounds. However - if you want to build inexpensive models to use as study aids I think it would be well worthwhile. Most (all) of the shapes on the cover can be folded from traditional square or rectangular paper using unit constructions, but that approach is not included.

This book is fun. There is a full range of origami skill levels covered. You can create all sorts of molecules and crystal formations from the simple to the infamous buckminster Fullerenes

("buckyballs"). There is information about each item covered in the book. If I could change anything about this book, it would be to have the origami pages colored. With that exception, I thought the book was a very good time. (Who wants to make little paper swans for the rest of their life?)

The word origami in the title is deceiving. I was hoping for unit or modular origami models. The only folding that you do is of models that must be cut out, folded and taped together. Maybe I can find a chemistry teacher that might be interested in the book.

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