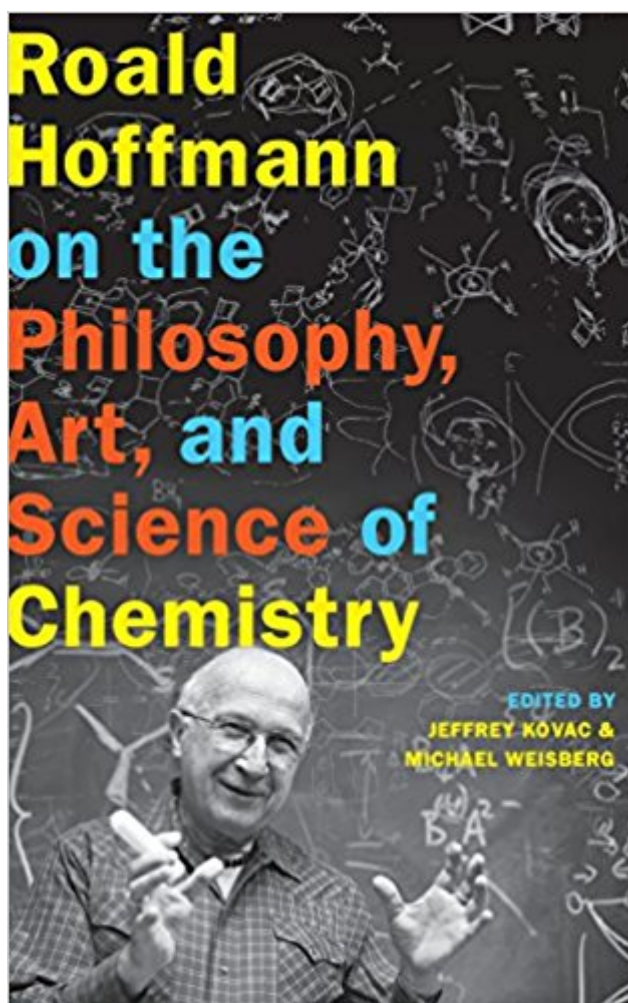


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Roald Hoffmann On The Philosophy, Art, And Science Of Chemistry



Synopsis

Nobel laureate Roald Hoffmann's contributions to chemistry are well known. Less well known, however, is that over a career that spans nearly fifty years, Hoffmann has thought and written extensively about a wide variety of other topics, such as chemistry's relationship to philosophy, literature, and the arts, including the nature of chemical reasoning, the role of symbolism and writing in science, and the relationship between art and craft and science. In *Roald Hoffmann on the Philosophy, Art, and Science of Chemistry*, Jeffrey Kovac and Michael Weisberg bring together twenty-eight of Hoffmann's most important essays. Gathered here are Hoffmann's most philosophically significant and interesting essays and lectures, many of which are not widely accessible. In essays such as "Why Buy That Theory," "Nearly Circular Reasoning," "How Should Chemists Think," "The Metaphor, Unchained," "Art in Science," and "Molecular Beauty," we find the mature reflections of one of America's leading scientists. Organized under the general headings of Chemical Reasoning and Explanation, Writing and Communicating, Art and Science, Education, and Ethics, these stimulating essays provide invaluable insight into the teaching and practice of science.

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Customer Reviews

Each of the 28 chapters brings new arguments and should provoke thoughtful self-examination. *

Phillip Broadwith, *Chemistry World* *

Jeffrey Kovac is Professor of Chemistry at the University of Tennessee. Michael Weisberg is

Associate Professor of Philosophy at the University of Pennsylvania.

Lovely piece of work. A very pleasant reading about the various facets of this extraordinary scientist and poet.

A collection of essays, deeply thought out, by my Chemistry 115 professor at Cornell. What a treat!

Roald Hoffman is a world known chemist. He discusses several issues related to chemistry. It shows that chemistry is related to humanities. It is a good book for those interested in the philosophy of chemistry. So I recommend it.

this collection of essays allows you to catch the depth of thought of Prof. Hoffmann. Having had the opportunity to attend his lectures during graduate school in Switzerland I sensed his astonishing complexity of reasoning. This book is certainly a great opportunity to learn some and it is a witnessing of his breadth of knowledges. Highly recommended.

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