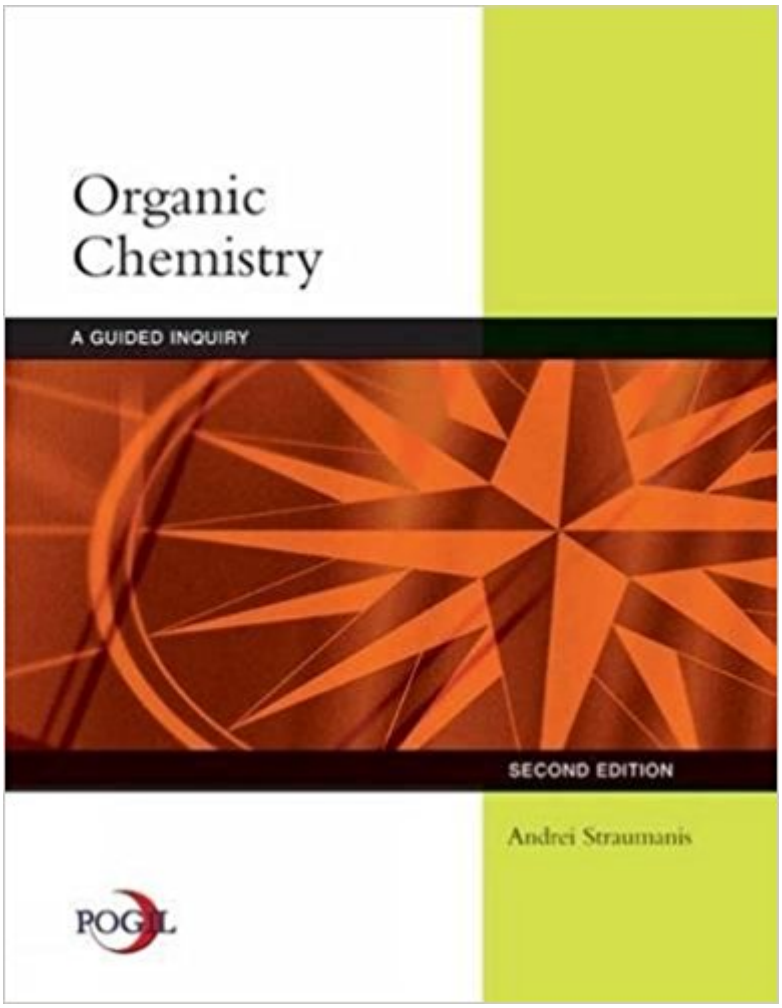
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Organic Chemistry: A Guided Inquiry



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Synopsis

Designed for use as a supplement to a traditional text to encourage active and collaborative learning in the classroom, this student activity book incorporates new methods for teaching chemistry that reflect current research on how students learn. The purpose of the guided inquiry approach is to teach students to think analytically and collaboratively in teams, like scientists do, rather than teaching them to memorize important conclusions arrived at by great scientists of the past. By looking carefully at new problems, constructing logical conclusions based on observations, and discussing the merits of their conclusions with peers, students develop a stronger conceptual understanding of and appreciation for the material. Honing their logical and empirical skills enables students to better pursue not only chemistry, but any other complex sets of ideas.

Book Information

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Andrei Straumanis has a B.A. in Chemistry from Oberlin College and a PhD in organic chemistry from Stanford University. During a three-year NSF-supported post-doctoral fellowship in SMET education, Dr. Straumanis developed and tested materials for guided inquiry organic chemistry. Since 1997, he has given numerous talks and workshops on active learning in organic chemistry and the use of guided inquiry in large classrooms.

I am a high school chemistry teacher looking to do more organic chemistry with my students. The book looks very well done, but for my purposes it is too similar to the two recitation guides, which are better suited for my instruction and for which a solution manual is available.

Quick shipping and just as described!

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This is such a stupid book! Okay, maybe I'm just bitter because my professor uses it as a 'textbook' when it's more of a workbook. It does't explain concepts very well and having the answers to compare to the examples throughout the activities and the exercises is a MUST (I actually learn more from checking my answers than from the explanations they provide). I would only recommend this if you have the textbook and needed extra practice problems.

could be helpful to practice, I think if you have lots of time, you'l find this book vey helpful.

decent quality, some coffee stains on the product but it did not effect the use.

Very time consuming class, this book was tough but you need to work through well thought out problems to grasp concepts.

Needed this for my organic chemistry class in college. It was just what I needed.

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