

Synopsis

Every serious student of chemistry should try to develop a 'feel' for the way molecules behave - for the way they are put together and especially for the rules of engagement which operate when molecules meet and react. This primer describes how stereoelectronic effects control this behavior. It is the only concise text on this topic at the undergraduate level. This is an important subject area and the comprehensive yet concise coverage in this book shows students how to build up a powerful but simple way of thinking about chemistry.

Book Information

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Customer Reviews

Kirby's Stereoelectronic effects provides a good introduction to the fundamentals of molecular orbital interactions. Makes a nice supplement to advanced organic chemistry texts that are deficient in this area

If you are an organic synthesis student, then this is for you. It has enough information to get the point across and to introduce you to the ideas of HOMO-LUMO, while at the same time not overload you with excruciating details.

In the physical organic chemistry course I have been taking, we have been talking all about stereoelectronic effects and molecular orbitals. I was having trouble with frontier molecular orbital theory as it relates to stereoelectronic effects and was not finding helpful explanations in other texts

I was consulting. A friend recommended I read Kirby, and I am so glad she did. Kirby offers in-depth explanations of stereoelectronic phenomena in a useful and understandable manner. This is a great addition to any organic chemist's library.

NICE BOOK

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