ORGANIC MECHANISMS

Reactions, Methodology, and Biological Applications

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WILEY
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In Summer 2010, I was contacted by Hoboken, New Jersey, for book review purposes. We both agreed that the needs of various upper-level college courses were in need of a textbook. This led to the creation of the book. The book was approved by Wiley in December 2010 and took up the challenge and came out in December 2011.

Since 1998, I have been on the faculty of the Virginia University Institute of Technology (2001–present). My current and past teaching include courses on reaction mechanisms. When I teach these courses, the lectures are also student-centered. My teaching and research have been influenced by my experiences with other colleagues and the chemical community by publishing papers in this field.

The book consists of 10 chapters, each dealing with various organic reactions. Thoroughly presented in the book in a very good readable manner. Special attention is given to functionalization processes, such as addition and functionalization, charge transfer, and chemistry of aromatic compounds.