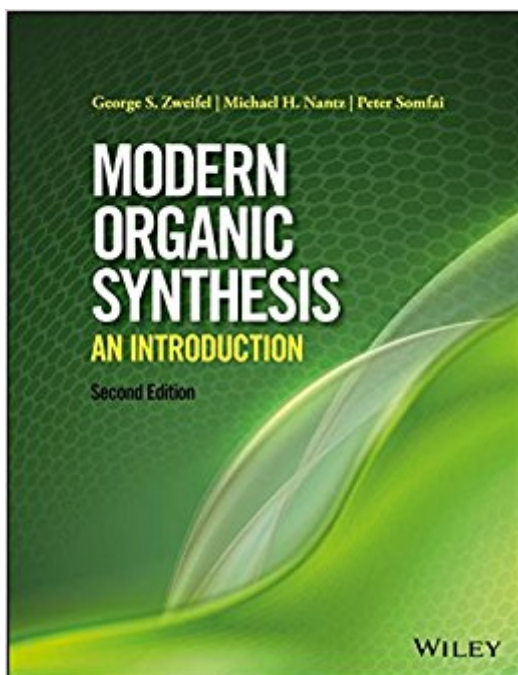




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Modern Organic Synthesis: An Introduction



Synopsis

This book bridges the gap between sophomore and advanced / graduate level organic chemistry courses, providing students with a necessary background to begin research in either an industry or academic environment. • Covers key concepts that include retrosynthesis, conformational analysis, and functional group transformations as well as presents the latest developments in organometallic chemistry and C–C bond formation • Uses a concise and easy-to-read style, with many illustrated examples • Updates material, examples, and references from the first edition • Adds coverage of organocatalysts and organometallic reagents

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Organized into 10 chapters, Modern Organic Synthesis covers key concepts that include retrosynthesis, conformational analysis, and functional group transformations as well as presents the latest developments in organometallic chemistry and C–C bond formation. The new edition thoroughly updates the material, examples, and literature references. Continuing the legacy of its innovative predecessor, this second edition is designed for senior undergraduate and beginning graduate students to provide them with a necessary background to begin research in either an industry or academic environment. The authors, all of whom are experienced researchers in organic chemistry, have selected and present the modern techniques and methods likely to be encountered in a synthetic project with examples based on applicability, versatility, and selectivity.

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