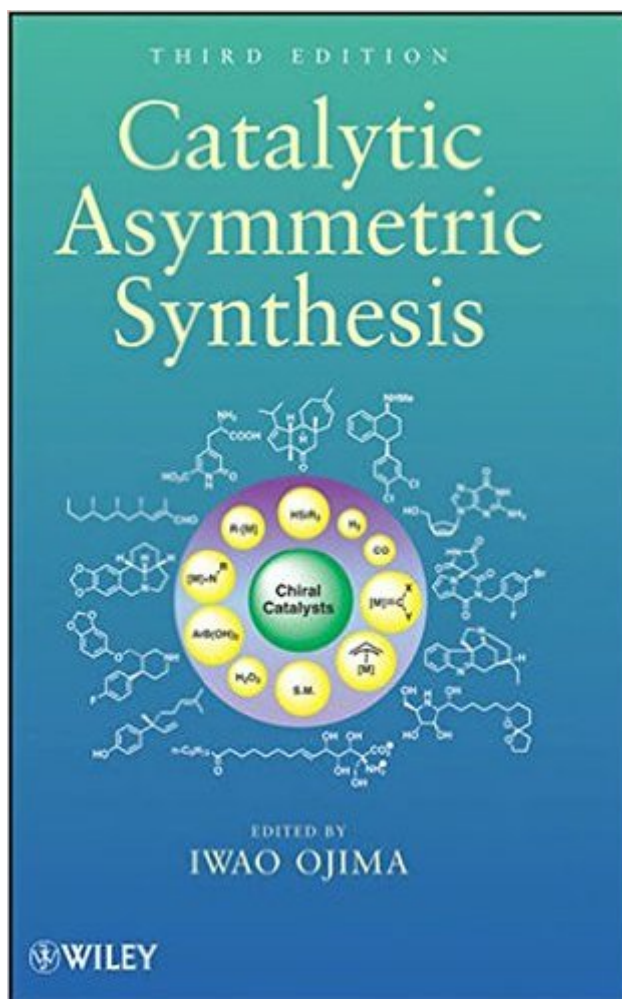


The book was found

# Catalytic Asymmetric Synthesis



## Synopsis

Praise for the previous editions "An excellent text . . . will no doubt provide the benchmark for comparative works for many years." â "Journal of the American Chemical Society "An excellent state-of-the-art compilation of catalytic asymmetric chemistry . . . should be included in any chemistry reference collection." â "Choice "This is a tremendous resource and an excellent read. I recommend immediate purchase." â "Perkin Transactions Since this important work was first published in 1993, the field of catalytic asymmetric synthesis has grown explosively, spawning effective new methods for obtaining enantiomerically pure compounds on a large scale and stimulating new applications in diverse fieldsâ "from medicine to materials science. Catalytic Asymmetric Synthesis, Third Edition addresses these rapid changes through contributions from highly recognized world leaders in the field. This seminal text presents detailed accounts of the most important catalytic asymmetric reactions known today, and discusses recent advances and essential information on the initial development of certain processes. An excellent working resource for academic researchers and industrial chemists alike, the Third Edition features: Six entirely new chapters focusing on novel approaches to catalytic asymmetric synthesis including non-conventional media/conditions, organocatalysis, chiral Lewis and Bronsted acids, CH activation, carbon-heteroatom bond-forming reactions, and enzyme-catalyzed asymmetric synthesis A new section focusing on the important new reaction, asymmetric metathesis, in carbon-carbon bond-forming reactions Updated chapters on hydrogenation, carbon-carbon bond-forming reactions, hydrosilylations, carbonylations, oxidations, amplifications and autocatalysis, and polymerization reactions Retaining the best of its predecessors but now thoroughly up to date, Catalytic Asymmetric Synthesis, Third Edition serves as an excellent desktop reference and text for researchers and students from the upper-level undergraduates through experienced professionals in industry or academia.

## Book Information

Hardcover: 998 pages

Publisher: Wiley; 3 edition (March 8, 2010)

Language: English

ISBN-10: 047017577X

ISBN-13: 978-0470175774

Product Dimensions: 6.4 x 2 x 9.6 inches

Shipping Weight: 3.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,418,272 in Books (See Top 100 in Books) #63 in Books > Science & Math > Chemistry > Organic > Synthesis #1008 in Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry #8480 in Books > Textbooks > Science & Mathematics > Chemistry

[Download to continue reading...](#)

Catalytic Asymmetric Synthesis Catalytic Asymmetric Synthesis, Second Edition Handbook of Heterogeneous Catalytic Hydrogenation for Organic Synthesis Modern Catalytic Methods for Organic Synthesis with Diazo Compounds: From Cyclopropanes to Ylides Chiral Auxiliaries and Ligands in Asymmetric Synthesis Asymmetric Synthesis of Natural Products Asymmetric Catalysis In Organic Synthesis (Baker Lecture Series) Asymmetric Politics: Ideological Republicans and Group Interest Democrats Asymmetric Organocatalysis (Topics in Current Chemistry) Asymmetric Catalysis (Nato Science Series E:) Light Scattering, Size Exclusion Chromatography and Asymmetric Flow Field Flow Fractionation: Powerful Tools for the Characterization of Polymers, Proteins and Nanoparticles The Organic Chemistry of Drug Synthesis, Volume 3 (Organic Chemistry Series of Drug Synthesis) Constraining Designs for Synthesis and Timing Analysis: A Practical Guide to Synopsys Design Constraints (SDC) Introduction to Embedded Systems: Using ANSI C and the Arduino Development Environment (Synthesis Lectures on Digital Circuits and Systems) Multilingual Text-to-Speech Synthesis: The Bell Labs Approach Computer Speech: Recognition, Compression, Synthesis (Springer Series in Information Sciences) Speech Processing and Synthesis Toolboxes Chip Talk: Projects in Speech Synthesis Natural Language Processing for Historical Texts (Synthesis Lectures on Human Language Technologies) Narrowband Direction of Arrival Estimation for Antenna Arrays (Synthesis Lectures on Antennas)

[Dmca](#)