

*Book Received**

Catalytic Asymmetric Synthesis, 2nd Edition. By Iwao Ojima (Editor) Wiley-VCH: New York (<http://www.wiley.com/>). 2000. Pages: XIV, 864 Pages, Hardcover. Price: 169.- Euro / 330.54 DM / 294.- SFR. ISBN: 0-471-29805-0

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The field of catalytic asymmetric synthesis has grown immensely since the first edition was published in 1993, spawning effective new methods for obtaining enantiomerically pure compounds on a large scale and stimulating new applications in diverse fields--from medicine to materials science. The Second Edition addresses these rapid changes through new or substantially revised contributions from world leaders in the field.

From the contents:

Asymmetric Hydrogenation (T. Ohkuma, et al.).

Asymmetric Hydrosilylation and Related Reactions (H. Nishiyama & K. Itoh).

Asymmetric Isomerization of Allylamines (S. Akutagawa, et al.).

Asymmetric Carbometallations (E. Negishi).

Asymmetric Addition and Insertion Reactions of Catalytically-Generated Metal Carbenes (M. Doyle).

Asymmetric Oxidations and Related Reactions (R. Johnson, et al.).

Asymmetric Carbonylations (K. Nozaki & I. Ojima).

Asymmetric Carbon-Carbon Bond-Forming Reactions (K. Maruoka, et al.).

Asymmetric Amplification and Autocatalysis (K. Soai & T. Shibata).

Asymmetric Phase-Transfer Reactions (M. O'Donnell).

Asymmetric Polymerization (Y. Okamoto & T. Nakano).

Epilogue.

Appendix.

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**Editor's Note:* The brief summary and the contents of the books are reported as provided by the author or the publishers. Authors and publishers are encouraged to send review copies of their recent books of potential interest to readers of *Molecules* to the Editor-in-Chief (Dr. Shu-Kun Lin, MDPI, Saengergasse 25,

CH-4054 Basel, Switzerland. Tel. +41 79 322 3379, Fax +41 61 302 8918, E-mail: molinfo@mdpi.org).
Some books will be offered to the scholarly community for the purpose of preparing full-length reviews.

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