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| Nota di contenuto | [pt. 1.] General and theoretical / A.Y. Meyer -- Structural chemistry of enones / B. Schweizer -- Conformations, chiroptical and related spectral properties of enones / J. Gawronksi -- Thermochemistry of enones and related species / J.F. Liebman and R.M. Pollack -- NMR spectroscopy of enones / H.E. Gottlieb -- The chemistry of ionized enones in the gas phase / F. Turecek -- Synthesis of enones / C. Thebtaranonth and Y. Thebtaranonth -- Synthetic uses of enones / G. V. Boyd -- Acid-base behaviour of enones / R.I. Zalewski -- Nucleophilic attacks on enones / D. Duval and S. Geribaldi -- Additions of electrons or radicals to [alpha], [beta]-unsaturated enones / G.A. Russell -- The reaction of enones with electrophiles / K. Mullen and P. Wolf -- Chemical and enzymatic conversion of [beta], [gamma]-enones to [alpha], [beta]-enones / R.M. Pollack, P.L. Bounds and C.L. Bevins -- [pt. 2.] Enone electrochemistry / R.D. Little and M.M. Baizer -- The photochemistry of enones / D.I. Schuster -- Radiation chemistry of enones / P. Neta and M. Dizdaroglu -- The oxygenation of enones / A. A. Frimer -- The reduction of [alpha], [beta]-unsaturated carbonyl compounds / E. Keinan and N. Greenspoon -- Organometallic derivatives of [alpha], [beta]-unsaturated enones / J.A.S. Howell -- Dienols (enolization of enones) / B. Capon -- Asymmetric synthesis with chiral enones / M.R. Peel and C.R. Johnson -- Dimerization and |

polymerization of enones in the fluid and solid states / C.R. Theocharis.

Sommario/riassunto

The series "The Chemistry of Functional Groups" is designed to cover in each volume all aspects of the chemistry of one of the important functional groups in organic chemistry. This is the second of a two volume set which examines the chemistry of enones.
