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Nota di contenuto	Vol. 2. 1989. [v. 2., pt. 1.] Complementary views on the homopolar double-bond structure -- Georges Trinquier and Jean-Paul Malrieu -- Mass spectrometry of the double bond -- Margaret N. Mruzek -- Nuclear magnetic resonance spectroscopy of C=C, C=O, C=N and N=N double bonds -- Poul Erik Hansen -- The photoelectron spectroscopy of double-bonded CC, CN, NN and CO groups -- L. Klasinc and S.P. McGlynn -- Directing and activating effects of doubly bonded groups -- Marvin Charton -- Double bonds from a biochemical perspective -- Alan H. Mehler -- Intramolecular 1,3-dipolar cycloadditions to double bonds -- O. Tsuge, T. Hatta and T. Hisano -- The ene reaction -- G.V. Boyd -- Radiation chemistry of double-bonded compounds -- Zeev B. Alfassi -- Asymmetric induction in additions to C=O and C=N bonds -- Joseph Klein -- Electrophilic additions to carbon-carbon double bonds --- George H. Schmid -- Mechanisms of base-catalyzed alkene-forming 1,2-eliminations -- Joseph R. Gandler -- [v. 2., pt. 2.] Carbonylation of main-group organometallic compounds -- Norma Nudelman -- Rearrangements involving allenes -- Samuel Braverman -- 1,1-Diarylalkenes -- William S. Murphy -- Fulvenes -- M. Neuenschwander -- The thiocarbonyl group -- Ernst Schaumann --

Cycloadditions of enones -- Janine Cossy, Pierre-Alain Carrupt and Pierre Vogel.

Sommario/riassunto

This two-volume set forms the second supplement to the series "The Chemistry of Functional Groups". Integrated chapters giving a unified and comparative treatment of several double-bonded functional groups are featured.