SUBJECT INDEX

Acids, alkanedioic, syntheses of, 89 Nitrosation, 497 Adrenochrome, chemistry of, 181 Nitrous acid and nitrosation, 497 Alkanedioic acids, alkylated, syntheses of. Nuclear magnetic resonance and molecular structure, 463 Alkoxyl radicals, thermochemistry and re-Oxygen, basic function of, in certain organic activity of, 239 compounds, 1105 Anthraquinone-acridones, 983 Photochemical experiments, determination Azides, inorganic, 515 of rate constants from, 569 Basic function of oxygen in certain organic Radicals, alkoxyl, thermochemistry and recompounds, 1105 activity of, 239 Bond, sulfur-sulfur, scission of, 583 Rate constants, determination from photo-Clathrates, 827 chemical experiments, problems in, 569 Conjugated systems, unsymmetrical 1,6-Silicon, interactions between solutes in, 65 additions to, 329 Spectra, near infrared, of organic com-Cyanogen, synthesis and chemistry of, 841 pounds, 629 Detonation parameters of organic high ex-Streaming double refraction, theories of, plosives, 801 345 Diterpenoids, 1031 Structure, molecular, and high-resolution Epoxide reactions, mechanisms of, 737 nuclear magnetic resonance, 463 Errata, 179, 1125 Sulfonamides, cleavage and rearrangement Explosives, organic high, dependence of of, 1077 damage effects upon detonation pa-Sulfur-sulfur bond, seission of, 583 rameters of, 801 Surface chemistry, modern techniques in. Germanium, interactions between solutes in. 65 Systems, conjugated, unsymmetrical 1,6-Glycocyamidines, chemistry of, 667 additions to, 329 Infrared spectra of organic compounds, 629 Tobacco, chemical constituents of, 885 Ionic size. 1 Tobacco smoke, chemical constituents of, Mechanisms of epoxide reactions, 737 885