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Nota di contenuto	Methods for the preparation of aromatic and heteroaromatic diazo compounds -- Kinetics and mechanism of diazotization -- The structure of diazonium compounds -- Acid-base and isomerization reactions of diazo compounds in water -- Additions of other nucleophiles to arenediazonium ions -- Structural and mechanistic aspects of additions of nucleophiles to diazonium ions -- Dediazoniation of arenediazonium ions -- Logic, psychology, and serendipity of scientific discoveries -- an interlude -- Applications of heterolytic and homolytic dediazoniations in organic syntheses -- Host-guest complexation of arenediazonium salts -- Azo coupling reactions -- Formation and reactions of triazenes.
Sommario/riassunto	This text provides a homogenous presentation of aspects of diazo chemistry. It is practice-oriented due to a strong emphasis on applications and includes many tables, schemes and literature citations. It should be a useful reference work for synthetic organic chemists.