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	symmetrical alkenes; H4 Electrophilic addition to unsymmetrical alkenes; H5 Carbocation stabilization; H6 Reduction and oxidation of alkenes; H7 Hydroboration of alkenes; H8 Electrophilic additions to alkynes; H9 Reduction of alkynes; H10 Alkylation of terminal alkynes; H11 Conjugated dienes; Section I - Aromatic chemistry; I1 Aromaticity; I2 Preparation and properties; I3 Electrophilic substitutions of benzene; I4 Synthesis of monosubstituted aromatic rings I5 Electrophilic substitutions of monosubstituted aromatic ringsI6 Synthesis of di- and trisubstituted aromatic rings; I7 Oxidation and reduction; Section J - Aldehydes and ketones; J1 Preparation; J2 Properties; J3 Nucleophilic addition; J4 Nucleophilic addition - charged nucleophiles; J5 Electronic and steric effects; J6 Nucleophilic addition - nitrogen nucleophiles; J7 Nucleophilic addition - oxygen and sulfur nucleophiles; J8 Reactions of enolate ions; J9 -Halogenation; J10 Reduction and oxidation; J11 ,-Unsaturated aldehydes and ketones Section K - Carboxylic acids and carboxylic acid derivativesK1 Structure and properties; K2 Nucleophilic substitution; K3 Reactivity; K4 Preparations of carboxylic acids; K5 Preparations of carboxylic acid derivatives; K6 Reactions; K7 Enolate reactions; Section L - Alkyl halides; L1 Preparation and physical properties of alkyl halides; L2 Nucleophilic substitution; L3 Factors affecting SN2 versus SN1 reactions; L4 Elimination; L5 Elimination versus substitution; L6 Reactions of alkyl halides; L7 Organometallic reactions; Section M - Alcohols, phenols, and thiols; M1 Preparation of alcohols M2 Preparation of phenols
Sommario/riassunto	Instant Notes in Organic Chemistry, Second Edition, is the perfect text for undergraduates looking for a concise introduction to the subject, or a study guide to use before examinations. Each topic begins with a summary of essential facts?an ideal revision checklist?followed by a description of the subject that focuses on core information, with clear, simple diagrams that are easy for students to understand and recall in essays and exams.