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Nota di contenuto	Silicon-mediated Transformations of Functional Groups; Contents; Preface; 1 Introduction; 2 Techniques for Preparative Silylations-Desilylations; 3 Preparation and Properties of Silyloxy Leaving Groups; 4 Reactions of Free and Derivatized Carboxylic Acids and Carbon Dioxide; 5 Reactions of Aldehydes and Ketones; 6 Reactions of Alcohols, Esters, Silyl Ethers, Epoxides, and Haloalkanes; 7 Reactions of N-O Systems; 8 Reactions of S-O and Se-O Systems; 9 Cyclizations and Ring Enlargements; 10 Base-catalyzed, Acid-catalyzed and Thermal Eliminations of Trimethylsilanol. Peterson Reactions 11 Formation of Carbon-Phosphorus Double Bonds12 Reductions and Oxidations; 13 Dehydration-Halogenation-Activation and Silylation of Inorganic and Organic Salts and Metallorganic Compounds; 14 Formation of Organic and Inorganic Polymers; Appendix; Subject Index; Author Index
Sommario/riassunto	In the first work to comprehensively cover this all-important topic, the recognized expert Helmut Vorbr?ggen provides both organic and bioorganic chemists with much new and valuable information for preparative synthesis. Although every organic chemist may be familiar

with different aspects of silylation for the protection of functional groups, this book covers the concept of protection while simultaneously silylating-activating various functional groups, such as amides and ureas. This novel methodology opens thus numerous synthetic pathwayswhile effecting the elimination of water in it