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   Sommario/riassunto   The goal of this monograph is to give an accessible introduction to
                        nonstandard methods and their applications, with an emphasis on
                        combinatorics and Ramsey theory. It includes both new nonstandard
                        proofs of classical results and recent developments initially obtained in
                        the nonstandard setting. This makes it the first combinatorics-focused
                        account of nonstandard methods to be aimed at a general (graduate-
                        level) mathematical audience. This book will provide a natural starting
                        point for researchers interested in approaching the rapidly growing
                        literature on combinatorial results obtained via nonstandard methods.
                        The primary audience consists of graduate students and specialists in
                        logic and combinatorics who wish to pursue research at the interface
                        between these areas.