1.	Record Nr.	UNINA9910338257603321
	Autore	Di Nasso Mauro
	Titolo	Nonstandard Methods in Ramsey Theory and Combinatorial Number Theory / / by Mauro Di Nasso, Isaac Goldbring, Martino Lupini
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
	ISBN	3-030-17956-7
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (XVI, 206 p. 2 illus.)
	Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 2239
	Disciplina	511.66 511.6
	Soggetti	Combinatorics Mathematical logic Mathematical Logic and Foundations
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	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.