1.	Record Nr.	UNICAMPANIAVAN00052623
	Autore	Bildhauer, Michael
	Titolo	Convex variational problems : linear, nearly linear and anisotropic growth conditions / Michael Bildhauer
	Pubbl/distr/stampa	Berlin, : Springer, 2003
	Titolo uniforme	Convex variational problems
	ISBN	978-35-404-0298-5
	Descrizione fisica	X, 217 p. ; 24 cm
	Soggetti	35-XX - Partial differential equations [MSC 2020]
		35J20 - Variational methods for second-order elliptic equations [MSC 2020]
		35J50 - Variational methods for elliptic systems [MSC 2020]
		49-XX - Calculus of variations and optimal control; optimization [MSC 2020]
		49N15 - Duality theory (optimization) [MSC 2020]
		49N60 - Regularity of solutions in optimal control [MSC 2020]
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Pubblicazione disponibile anche in formato elettronico

2. Record Nr.	UNINA9910861088303321
Autore	Davis Michael W
Titolo	Infinite Group Actions on Polyhedra / / by Michael W. Davis
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2024
ISBN	9783031484438
	3031484436
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (273 pages)
Collana	Ergebnisse der Mathematik und ihrer Grenzgebiete. 3. Folge / A Series of Modern Surveys in Mathematics, , 2197-5655 ; ; 77
Disciplina	512.2
Soggetti	Group theory
	Polytopes
	Manifolds (Mathematics)
	Group Theory and Generalizations
	Manifolds and Cell Complexes
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I: Introduction -- 1 Introduction -- Part II: Nonpositively curved cube complexes -- 2 Polyhedral preliminaries -- 3 Right-angled spaces and groups -- Part III: Coxeter groups, Artin groups, buildings -- 4 Coxeter groups, Artin groups, buildings -- Part IV: More on NPC cube complexes -- 5 General theory of cube complexes -- 6 Hyperbolization -- 7 Morse theory and Bestvina–Brady groups -- Appendix A: Complexes of groups.
Sommario/riassunto	In the past fifteen years, the theory of right-angled Artin groups and special cube complexes has emerged as a central topic in geometric group theory. This monograph provides an account of this theory, along with other modern techniques in geometric group theory. Structured around the theme of group actions on contractible polyhedra, this book explores two prominent methods for constructing such actions: utilizing the group of deck transformations of the universal cover of a nonpositively curved polyhedron and leveraging the theory of simple complexes of groups. The book presents various approaches to obtaining cubical examples through CAT(0) cube

complexes, including the polyhedral product construction, hyperbolization procedures, and the Sageev construction. Moreover, it offers a unified presentation of important non-cubical examples, such as Coxeter groups, Artin groups, and groups that act on buildings. Designed as a resource for graduate students and researchers specializing in geometric group theory, this book should also be of high interest to mathematicians in related areas, such as 3-manifolds.