1.	Record Nr.	UNINA9910453395803321
	Autore	Bostock David
	Titolo	Intermediate logic [[electronic resource] /] / David Bostock
	Pubbl/distr/stampa	Oxford, : Clarendon Press
		New York, : Oxford University Press, 1997
	ISBN	1-282-38376-0
		9786612383762
		0-19-156707-8
	Descrizione fisica	1 online resource (336p.) : ill
	Disciplina	160
	Soggetti	Logic, Symbolic and mathematical
		Logic
		Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references (p. 379-381) and index.
	Sommario/riassunto	This text is aimed especially for anyone who has taken a first course in logic and is progressing to further study. The author examines logical theory, rather than the applications of logic, and does not assume any specific technical grounding.

2. Record Nr.	UNINA9910254286903321
Titolo	Canonical Duality Theory : Unified Methodology for Multidisciplinary Study / / edited by David Yang Gao, Vittorio Latorre, Ning Ruan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-58017-5
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (VIII, 377 p. 67 illus., 60 illus. in color.)
Collana	Advances in Mechanics and Mathematics, , 1876-9896 ; ; 37
Disciplina	515.782
Soggetti	Mathematical optimization Mechanics Optimization Classical Mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book on canonical duality theory provides a comprehensive review of its philosophical origin, physics foundation, and mathematical statements in both finite- and infinite-dimensional spaces. A ground-breaking methodological theory, canonical duality theory can be used for modeling complex systems within a unified framework and for solving a large class of challenging problems in multidisciplinary fields in engineering, mathematics, and the sciences. This volume places a particular emphasis on canonical duality theory's role in bridging the gap between non-convex analysis/mechanics and global optimization. With 18 total chapters written by experts in their fields, this volume provides a nonconventional theory for unified understanding of the fundamental difficulties in large deformation mechanics, bifurcation/chaos in nonlinear science, and the NP-hard problems in global optimization. Additionally, readers will find a unified methodology and powerful algorithms for solving challenging problems in complex systems with real-world applications in non-convex analysis, non-monotone variational inequalities, integer programming, topology optimization, post-buckling of large deformed structures, etc. Researchers and

graduate students will find explanation and potential applications in multidisciplinary fields. .