1. Record Nr.　　　　UNINA9910300623003321

　　Autore　　　　　de Swart Harrie

　　Titolo　　　　　　Philosophical and Mathematical Logic / / by Harrie de Swart

　　Pubbl/distr/stampa　Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018

　　ISBN　　　　　　3-030-03255-8

　　Edizione　　　　[1st ed. 2018.]

　　Descrizione fisica　1 online resource (XX, 539 p.)

　　Collana　　　　　Springer Undergraduate Texts in Philosophy, , 2569-8737

　　Disciplina　　　　511.3

　　Soggetti　　　　　Knowledge, Theory of
　　　　　　　　　　Logic, Symbolic and mathematical
　　　　　　　　　　Epistemology
　　　　　　　　　　Mathematical Logic and Formal Languages
　　　　　　　　　　Mathematical Logic and Foundations

　　Lingua di pubblicazione　Inglese

　　Formato　　　　　Materiale a stampa

　　Livello bibliografico　Monografia

　　Nota di contenuto　Chapter 1. Propositional Logic -- Chapter 2. Predicate Logic -- Chapter 3. Arithmetic and Gödel's incompleteness theorem -- Chapter 4. Sets (finite and infinite) -- Chapter 5. Philosophical logic: modal, epistemic, deontic, temporal -- Chapter 6. Philosophy of language -- Chapter 7. Intuitionism and intuitionistic logic -- Chapter 8. Applications of logic and set theory: logic programming; relational databases.

　　Sommario/riassunto　This book was written to serve as an introduction to logic, with in each chapter – if applicable – special emphasis on the interplay between logic and philosophy, mathematics, language and (theoretical) computer science. The reader will not only be provided with an introduction to classical logic, but to philosophical (modal, epistemic, deontic, temporal) and intuitionistic logic as well. The first chapter is an easy to read non-technical Introduction to the topics in the book. The next chapters are consecutively about Propositional Logic, Sets (finite and infinite), Predicate Logic, Arithmetic and Gödel's Incompleteness Theorems, Modal Logic, Philosophy of Language, Intuitionism and Intuitionistic Logic, Applications (Prolog; Relational Databases and SQL; Social Choice Theory, in particular Majority Judgment) and finally, Fallacies and Unfair Discussion Methods. Throughout the text, the

author provides some impressions of the historical development of logic: Stoic and Aristotelian logic, logic in the Middle Ages and Frege's Begriffsschrift, together with the works of George Boole (1815-1864) and August De Morgan (1806-1871), the origin of modern logic. Since "if …, then …" can be considered to be the heart of logic, throughout this book much attention is paid to conditionals: material, strict and relevant implication, entailment, counterfactuals and conversational implicature are treated and many references for further reading are given. Each chapter is concluded with answers to the exercises.

2.	Record Nr.	UNINA9910953495403321
	Titolo	Sizing water service lines and meters
	Pubbl/distr/stampa	Denver, Colo., : American Water Works Association, c2004
	ISBN	1-61300-002-2
		1-61583-792-2
	Edizione	[2nd ed.]
	Descrizione fisica	1 online resource (125 p.)
	Collana	AWWA manual ; ; M22
	Disciplina	628.1/44
	Soggetti	Water consumption - Measurement
		Water-pipes
		Water-meters
		Water - Distribution - Planning
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	"Science and technology."
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	""Contents""; ""Figures""; ""Tables""; ""Foreword""; ""Acknowledgments""; ""1 Introduction""; ""2 Consumer Water Demands, Trends, and Considerations""; ""3 Demand Profiling for Optimal Meter Sizing""; ""4 Estimating Demands Using Fixture Values""; ""5 Sizing Service Lines""; ""6 Sizing the Customera€?s Meter""; ""A Summary of Customer Water Demand Profile Survey""; ""B Using Software to Size a Meter""; ""C Flow Friction Loss Tables""; ""Index""; ""AWWA Manuals""
	Sommario/riassunto	For technicians, architects, and engineers, a revised guide to estimating customer demand and maximum expected flow for sizing new service

lines and meters. The manual (first published in 1975) presents a field method of demand profiling that can be used to evaluate actual customer use patterns and