1.
Record Nr.	UNINA9910484380503321
Autore	Xie Jun
Titolo	Satellite Navigation Systems and Technologies / / by Jun Xie, Haihong Wang, Peng Li, Yansong Meng
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2021
ISBN	981-15-4863-3
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XVI, 399 p. 177 illus., 45 illus. in color.)
Collana	Space Science and Technologies, , 2730-6410
Disciplina	929.374
Soggetti	Aerospace engineering Astronautics Automatic control Signal processing Image processing Speech processing systems Aerospace Technology and Astronautics Control and Systems Theory Signal, Image and Speech Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- Overview of Navigation Satellite Systems -- Satellite Navigation Uplink and Reception Technology -- Satellite Navigation Broadcasting Link Technology -- Satellite Navigation Inter-Satellite Link Technology -- Time-Frequency System for Satellite Navigation -- Generation and Assessment of Navigation Signal -- Satellite Navigation Information Management -- Autonomous Operation Technology of Navigation Satellites -- Development and Prospect of Satellite Navigation Technology.
Sommario/riassunto	Based on the design theory and development experience of Beidou navigation satellite system (BDS), this book highlights the space segment and the related satellite technologies as well as satellite-ground integration design from the perspective of engineering. The satellite navigation technology in this book is divided into uplink and reception technology, broadcasting link technology, inter-satellite link

technology, time-frequency system technology, navigation signal generation and assessment technology, navigation information management technology, autonomous operation technology of navigation satellite. In closing, the book introduces readers to the technological development status and trend of BDS and other GNSS, and propose the technologies of future development. Unlike most current books on this topic, which largely concentrate on principles, receiver design or applications, the book also features substantial information on the role of satellite system in the GNSS and the process of signal information flow, and each chapter not only studies on the theoretical function and main technologies, but also focuses on engineering development. Accordingly, readers will gain not only a better understanding of navigation satellite systems as a whole, but also of their main components and key technologies.

2.	Record Nr.	UNINA9910484432503321
	Titolo	Logic, Language, Information and Computation : 15th International Workshop, WoLLIC 2008 Edinburgh, UK, July 1-4, 2008, Proceedings / / edited by Wilfrid Hodges, Ruy de Queiroz
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2008
	ISBN	3-540-69937-6
	Edizione	[1st ed. 2008.]
	Descrizione fisica	1 online resource (VIII, 313 p.)
	Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 5110
	Altri autori (Persone)	HodgesWilfrid QueirozRuy J. G. B. de
	Disciplina	160
	Soggetti	Logic Artificial intelligence Computer programming Computer science Algorithms Machine theory Artificial Intelligence Programming Techniques Theory of Computation Formal Languages and Automata Theory
	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 and index.
Nota di contenuto	Tutorials and Invited Lectures -- Inter-deriving Semantic Artifacts for Object-Oriented Programming -- On the Descriptive Complexity of Linear Algebra -- Talks on Quantum Computing -- On Game Semantics of the Affine and Intuitionistic Logics -- The Grammar of Scope -- Contributed Papers -- Conjunctive Grammars and Alternating Pushdown Automata -- Expressive Power and Decidability for Memory Logics -- Reasoning with Uncertainty by Nmatrix–Metric Semantics -- A Propositional Dynamic Logic for CCS Programs -- Towards Ontology Evolution in Physics -- Nominal Matching and Alpha-Equivalence -- Interval Additive Generators of Interval T-Norms -- Propositional Dynamic Logic as a Logic of Belief Revision -- Time Complexity and Convergence Analysis of Domain Theoretic Picard Method -- On the Formal Semantics of IF-Like Logics -- One-and-a-Halfth Order Terms: Curry-Howard and Incomplete Derivations -- Labelled Calculi for ? ukasiewicz Logics -- An Infinitely-Often One-Way Function Based on an Average-Case Assumption -- On Characteristic Constants of Theories Defined by Kolmogorov Complexity -- Adversary Lower Bounds for Nonadaptive Quantum Algorithms -- On Second-Order Monadic Groupoidal Quantifiers -- Inference Processes for Quantified Predicate Knowledge -- Using ? -ctl to Specify Complex Planning Goals -- Hyperintensional Questions -- Skolem Theory and Generalized Quantifiers -- On a Graph Calculus for Algebras of Relations.
Sommario/riassunto	Edited in collaboration with FoLLI, the Association of Logic, Language and Information, this book constitutes the 4th volume of the FoLLI LNAI subline; containing the refereed proceedings of the 15th International Workshop on Logic, Language, Information and Computation, WoLLIC 2008, held in Edinburgh, UK, in July 2008. The 21 revised full papers presented together with the abstracts of 7 tutorials and invited lectures were carefully reviewed and selected from numerous submissions. The papers cover all pertinent subjects in computer science with particular interest in cross-disciplinary topics. Typical areas of interest are: foundations of computing and programming; novel computation models and paradigms; broad notions of proof and belief; formal methods in software and hardware development; logical approach to natural language and reasoning; logics of programs, actions and resources; foundational aspects of information organization, search, flow, sharing, and protection.