1. Record Nr. UNINA9910703638503321

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| Autore | Borowski Stanley K. |
| Titolo | Nuclear thermal propulsion (NTP) : a proven, growth technology for "fast transit" human missions to Mars / / Stanley K. Borowski, David R. McCurdy and Thomas W. Packard |
| Pubbl/distr/stampa | Cleveland, Ohio : , : National Aeronautics and Space Administration, Glenn Research Center, , October 2014 |
| Descrizione fisica | 1 online resource (22 pages) : color illustrations |
| Collana | NASA/TM ; ; 2014-218104 |
| Soggetti | Nuclear propulsion<br>Mars missions<br>Liquid hydrogen<br>Propellants<br>Weightlessness |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Title from title screen (viewed on April 16, 2015).<br>"October 2014."<br>"Prepared for the Space 2013 Conference and Exposition sponsored by the American Institute of Aeronautics and Astronautics, San Diego, California, September 10-12, 2013." |
| Nota di bibliografia | Includes bibliographical references (pages 21-22). |

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| Record Nr. | UNINA9910754088803321 |
| Autore | Fitting Melvin |
| Titolo | First-Order Modal Logic / / by Melvin Fitting, Richard L. Mendelsohn |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023 |
| ISBN | 9783031407147<br>3031407148 |
| Edizione | [2nd ed. 2023.] |
| Descrizione fisica | 1 online resource (464 pages) |
| Collana | Synthese Library, Studies in Epistemology, Logic, Methodology, and Philosophy of Science, , 2542-8292 ; ; 480 |
| Altri autori (Persone) | MendelsohnRichard L |
| Disciplina | 160 |
| Soggetti | Logic<br>Logic, Symbolic and mathematical<br>Computational linguistics<br>Mathematical Logic and Foundations<br>Computational Linguistics |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Preface -- Acknowledgments -- Part I. Background: Propositional Classical Logic. 1. Background: Propositional Language -- 2. Background: Propositional Axiomatics -- 3. Background: Propositional Tableaus -- Part II. Propositional Modal Logic. 4. Modal Logic, an Introduction -- 5. Propositional Modal Logic -- 6. Propositional Modal Axiom Systems -- 7. Propositional Modal Tableaus -- Part III. First-Order Modal Logic. 8. Quantified Modal Logic -- 9. First-Order Modal Tableaus -- 10. First-Order Modal Axiomatics -- Part IV. Equality and Existence. 11. Equality -- 12. Existence -- Part V. Predicate Abstraction and Scope. 13. Predicate Abstraction, Informally -- 14. Predicate Abstraction, Formally -- 15. Tableaus for Predicate Abstraction -- 16. Tableau Soundness and Completeness. Part VI. Applications. 17. Equality and Predicate Abstraction -- 18. Designation -- 19. Rigidity -- 20. Definite Descriptions -- Afterward. |
| Sommario/riassunto | This revised edition of the highly recommended book "First-Order Modal Logic", originally published in 1998, contains both new and modified chapters reflecting the latest scientific developments. Fitting |

and Mendelsohn present a thorough treatment of first-order modal logic, together with some propositional background. They adopt throughout a threefold approach. Semantically, they use possible world models; the formal proof machinery is tableaus; and full philosophical discussions are provided of the way that technical developments bear on well-known philosophical problems. The book covers quantification itself, including the difference between actualist and possibilist quantifiers; equality, leading to a treatment of Frege's morning star/evening star puzzle; the notion of existence and the logical problems surrounding it; non-rigid constants and function symbols; predicate abstraction, which abstracts a predicate from a formula, in effect providing a scoping function for constants andfunction symbols, leading to a clarification of ambiguous readings at the heart of several philosophical problems; the distinction between nonexistence and nondesignation; and definite descriptions, borrowing from both Fregean and Russellian paradigms. Review of the First Edition: "This Text is an excellent and most useful volume. It is pitched correctly: the exercises are just right... It sets a high standard for anything following. It is to be highly recommended." (Bulletin of Symbolic Logic, 8:3).