1. Record Nr. UNISA996465607703316

Titolo	7th International Conference on Automated Deduction, Napa, California, USA, May 14-16, 1984 : proceedings / / edited by R. E. Shostak
Pubbl/distr/stampa	New York : , : Springer-Verlag, , [1984] ©1984
ISBN	0-387-34768-2
Edizione	[1st ed. 1984.]
Descrizione fisica	1 online resource (VIII, 509 p.)
Collana	Lecture Notes in Computer Science ; ; Volume 170
Disciplina	004.015113
Soggetti	Automatic theorem proving Logic, Symbolic and mathematical Computer science
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 at the end of each chapters.
Nota di contenuto	Universal Unification -- A Portable Environment for Research in Automated Reasoning -- A Natural Proof System Based on Rewriting Techniques -- EKL—A Mathematically Oriented Proof Checker -- A Linear Characterization of NP-Complete Problems -- A Satisfiability Tester for Non-Clausal Propositional Calculus -- A Decision Method for Linear Temporal Logic -- A Progress Report on New Decision Algorithms for Finitely Presented Abelian Groups -- Canonical Forms in Finitely Presented Algebras -- Term Rewriting Systems and Algebra -- Termination of a Set of Rules Modulo a Set of Equations -- Associative-Commutative Unification -- A Linear Time Algorithm for a Subcase of Second Order Instantiation -- A New Equational Unification Method: A Generalisation of Martelli-Montanari's Algorithm -- A Case Study of Theorem Proving by the Knuth-Bendix Method: Discovering that x 3 = x Implies Ring Commutativity -- A Narrowing Procedure for Theories with Constructors -- A General Inductive Completion Algorithm and Application to Abstract Data Types -- The Next Generation of Interactive Theorem Provers -- The Linked Inference Principle, II: The User's Viewpoint -- A New Interpretation of the Resolution Principle -- Using Examples, Case Analysis, and Dependency Graphs in Theorem Proving -- Expansion Tree Proofs and Their Conversion to Natural

Deduction Proofs -- Analytic and Non-analytic Proofs -- Applications of Protected Circumscription -- Implementation Strategies for Plan-Based Deduction -- A Programming Notation for Tactical Reasoning -- The Mechanization of Existence Proofs of Recursive Predicates -- Solving Word Problems in Free Algebras Using Complexity Functions -- Solving a Problem in Relevance Logic with an Automated Theorem Prover.

Sommario/riassunto

The Seventh International Conference on Automated Deduction was held May 14-16, 19S4, in Napa, California. The conference is the primary forum for reporting research in all aspects of automated deduction, including the design, implementation, and applications of theorem-proving systems, knowledge representation and retrieval, program verification, logic programming, formal specification, program synthesis, and related areas. The presented papers include 27 selected by the program committee, an invited keynote address by Jorg Siekmann, and an invited banquet address by Patrick Suppes. Contributions were presented by authors from Canada, France, Spain, the United Kingdom , the United States, and West Germany. The first conference in this series was held a decade earlier in Argonne, Illinois. Following the Argonne conference were meetings in Oberwolfach, West Germany (1976), Cambridge, Massachusetts (1977), Austin, Texas (1979), Les Arcs, France (19S0), and New York, New York (19S2). Program Committee P. Andrews (CMU) W.W. Bledsoe (U. Texas) past chairman L. Henschen (Northwestern) G. Huet (INRIA) D. Loveland (Duke) past chairman R. Milner (Edinburgh) R. Overbeek (Argonne) T. Pietrzykowski (Acadia) D. Plaisted (U. Illinois) V. Pratt (Stanford) R. Shostak (SRI) chairman J. Siekmann (U. Kaiserslautern) R. Waldinger (SRI) Local Arrangements R. Schwartz (SRI) iv CONTENTS Monday Morning Universal Unification (Keynote Address) Jorg H. Siekmann (FRG) .

2. Record Nr. UNISA996500669503316

Autore	Gleich Moritz
Titolo	Inhabited Machines : Genealogy of an Architectural Concept / / Moritz Gleich
Pubbl/distr/stampa	Basel : , : Birkhäuser, , [2022] ©2023
ISBN	3-0356-2377-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (400 p.)
Collana	Exploring Architecture
Classificazione	ZH 4700
Disciplina	720.1
Soggetti	ARCHITECTURE / History / General
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Frontmatter -- Contents -- Foreword -- INTRODUCTION -- I. Climate -- THE DISCOVERY OF AIR -- THE LABORATORY MACHINE -- CENTRAL SYSTEMS -- THE HOUSES OF PARLIAMENT -- II. Morals -- REFORM PLANS -- THE PANOPTIC INSTRUMENT -- MORAL MOTORS -- THE MODEL PRISON -- III. Comfort -- PHYSICAL WELL-BEING -- THE PROJECT FOR THE CONSTRUCTION OF NEW HOUSES -- AMBASSADORS OF AMENITY -- SANITARY ARCHITECTS -- COMFORT MACHINES -- THE REFORM CLUB -- CONCLUSION -- Bibliography -- Image Credits -- Index -- ACKNOWLEDGEMENTS -- ABOUT THE AUTHOR -- Imprint
Sommario/riassunto	Around 1800, one of the most influential architectural concepts of the last 250 years emerged—that of built spaces as technical devices. Climate, morality, and comfort are the three main themes of this study, and each is vividly examined in separate chapters through synchronous comparison and with the help of examples. The emergence of corresponding metaphors, knowledge, and construction forms is traced over a period of about 70 years. The author focuses particularly on the operative dimension of architecture. Thus, the book provides a historical perspective on a key topic for the future of architecture. The book is aimed at readers interested in architecture, technology or the cultural history of building and living. Um 1800 entstand mit der Konzeption gebauter Räume als technische Geräte eines der einflussreichsten architektonischen Denkmodelle der letzten 250 Jahre. Klima, Moral und Komfort bilden die tragenden

Themen dieser Untersuchung, die in je eigenen Kapiteln im synchronen Vergleich und anschaulich mithilfe von Beispielen untersucht werden. Verfolgt wird das Aufkommen entsprechender Metaphern, Wissensinhalte und Bauformen über eine Zeitspanne von rund 70 Jahren. Einen besonderen Fokus legt der Autor dabei auf die operative Dimension der Architektur. Damit leistet das Buch einen historischen Blick auf ein Zukunftsthema der Architektur. Zielgruppe des Buches sind Architektur- und Technikinteressierte sowie für die Kulturgeschichte des Bauens und Wohnens aufgeschlossene Leserinnen und Leser.