

1. Record Nr.	UNINA9910767556503321
Titolo	Mathematical knowledge management : 5th international conference, MKM 2006, Wokingham, UK, August 11-12, 2006 : proceedings // Jonathan M. Borwein, William M. Farmer (eds.)
Pubbl/distr/stampa	Berlin ; ; New York, : Springer, c2006
ISBN	3-540-37106-0
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (VIII, 295 p.)
Collana	Lecture notes in computer science. Lecture notes in artificial intelligence, , 0302-9743 ; ; 4108 LNCS sublibrary. SL 7, Artificial intelligence
Altri autori (Persone)	BorweinJonathan M FarmerWilliam Michael
Disciplina	511.3/6028563
Soggetti	Mathematics - Data processing Information storage and retrieval systems - Mathematics Automatic theorem proving
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	Invited Talks -- The Omega Number: Irreducible Complexity in Pure Math -- Roles of Math Search in Mathematics -- Contributed Papers -- Structured Induction Proofs in Isabelle/Isar -- Interpretation of Locales in Isabelle: Theories and Proof Contexts -- A Dynamic Poincaré Principle -- A Proof-Theoretic Approach to Tactics -- A Formal Correspondence Between OMDoc with Alternative Proofs and the - Calculus -- Proof Transformation by CERES -- Synthesizing Proof Planning Methods and ?-Ants Agents from Mathematical Knowledge -- Verifying and Invalidating Textbook Proofs Using Scunak -- Capturing Abstract Matrices from Paper -- Towards a Parser for Mathematical Formula Recognition -- Stochastic Modelling of Scientific Terms Distribution in Publications -- Capturing the Content of Physics: Systems, Observables, and Experiments -- Communities of Practice in MKM: An Extensional Model -- From Notation to Semantics: There and Back Again -- Managing Informal Mathematical Knowledge: Techniques from Informal Logic -- From Untyped to Polymorphically Typed Objects in Mathematical Web Services -- Managing Automatically Formed Mathematical Theories -- Authoring LeActiveMath Calculus Content --

