

1. Record Nr.	UNINA9911088680503321
Titolo	Mathematical software : proceedings of the first International Congress of Mathematical Software : Beijing, China, 17-19 August 2002 / / editors, Arjeh M. Cohen, Xiao-Shan Gao, Nobuki Takayama
Pubbl/distr/stampa	Singapore ; ; River Edge, N.J., : World Scientific, c2002
ISBN	9789812777171 9812777172
Edizione	[1st ed.]
Descrizione fisica	1 online resource (400p.)
Altri autori (Persone)	CohenArjeh M GaoXiao-Shan TakayamaNobuki <1959->
Disciplina	510/.285/536
Soggetti	Mathematics - Data processing Computer software
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 indexes.
Nota di contenuto	Software Engineering Problems for Mathematical Software: Designs of Programming languages for Mathematics; Data Structures for Mathematics; Standards to Allow Cooperation; Review of Internal Structures of Systems; Tricks in Real Implementations; Mathematics and Media (Including User Interfaces); Mathematics Related to Mathematical Software (Experiments, Algorithms); High Performance Computing; Applications of Mathematical Software; Presentation of Mathematical Software; and other papers.
Sommario/riassunto	A study of mathematical software, which is used to construct examples, prove theorems, and find new mathematical phenomena. The volume is aimed at software developers in mathematics and programming mathematicians, but it also provides opportunities to discuss the topics with mathematicians.