1. Record Nr. UNINA9910349305203321

Titolo	Computer Algebra in Scientific Computing : 21st International Workshop, CASC 2019, Moscow, Russia, August 26–30, 2019, Proceedings / / edited by Matthew England, Wolfram Koepf, Timur M. Sadykov, Werner M. Seiler, Evgenii V. Vorozhtsov
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-26831-4
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XIII, 479 p. 718 illus., 21 illus. in color.)
Collana	Theoretical Computer Science and General Issues, , 2512-2029 ; ; 11661
Disciplina	005.1 004.0151
Soggetti	Computer science—Mathematics Algorithms Software engineering Computers, Special purpose Electronic data processing—Management Mathematics of Computing Software Engineering Special Purpose and Application-Based Systems IT Operations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book constitutes the refereed proceedings of the 21st International Workshop on Computer Algebra in Scientific Computing, CASC 2019, held in Moscow, Russia, in August 2019. The 28 full papers presented together with 2 invited talks were carefully reviewed and selected from 44 submissions. They deal with cutting-edge research in all major disciplines of computer algebra. The papers cover topics such as polynomial algebra, symbolic and symbolic-numerical computation, applications of symbolic computation for investigating

and solving ordinary differential equations, applications of CASs in the investigation and solution of celestial mechanics problems, and in mechanics, physics, and robotics.