Record Nr. UNINA9910484820503321 Mathematical Aspects of Computer and Information Sciences: 6th **Titolo** International Conference, MACIS 2015, Berlin, Germany, November 11-13, 2015, Revised Selected Papers / / edited by Ilias S. Kotsireas, Siegfried M. Rump, Chee K. Yap Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2016 **ISBN** 3-319-32859-X Edizione [1st ed. 2016.] Descrizione fisica 1 online resource (XXIII, 628 p. 101 illus.) Theoretical Computer Science and General Issues, , 2512-2029 ; ; 9582 Collana Disciplina 004.0151 Soggetti Computer science—Mathematics Data mining Database management Artificial intelligence Algorithms Computer science Mathematics of Computing Data Mining and Knowledge Discovery **Database Management** Artificial Intelligence Theory of Computation 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. Sommario/riassunto This book constitutes the thoroughly refereed post-conference proceedings of the 6th International Conference on Mathematical Aspects of Computer and Information Sciences, MACIS 2015, held in Berlin, Germany, in November 2015. The 48 revised papers presented together with 7 invited papers were carefully reviewed and selected from numerous submissions. The papers are grouped in topical

sections on curves and surfaces, applied algebraic geometry, cryptography, verified numerical computation, polynomial system

solving, managing massive data, computational theory of differential and difference equations, data and knowledge exploration, algorithm engineering in geometric computing, real complexity: theory and practice, global optimization, and general session.