Record Nr. UNINA9910337843303321 Algebraic Informatics: 8th International Conference, CAI 2019, Niš, **Titolo** Serbia, June 30–July 4, 2019, Proceedings / / edited by Miroslav iri. Manfred Droste, Jean-Éric Pin Cham:,: Springer International Publishing:,: Imprint: Springer,, Pubbl/distr/stampa 2019 **ISBN** 3-030-21363-3 Edizione [1st ed. 2019.] Descrizione fisica 1 online resource (XVI, 259 p. 273 illus., 22 illus. in color.) Collana Theoretical Computer Science and General Issues, , 2512-2029;; 11545 005.13 Disciplina Soggetti Computer science Artificial intelligence—Data processing Numerical analysis Computer science—Mathematics Discrete mathematics Algorithms Coding theory Information theory Computer Science Logic and Foundations of Programming **Data Science Numerical Analysis** Discrete Mathematics in Computer Science Coding and Information Theory 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 8th International Conference on Algebraic Informatics, CAI 2019, held in Niš, Serbia, in June/July 2019. The 20 revised papers presented were carefully reviewed and selected from 35 submissions. The papers present research at the intersection of theoretical computer science, algebra,

and related areas. They report original unpublished research and cover

a broad range of topics from automata theory and logic, cryptography and coding theory, computer algebra, design theory, natural and quantum computation, and related areas.