1. Record Nr.   UNISA996466132903316

Titolo   Applied Algebra, Algebraic Algorithms and Error-Correcting Codes [[electronic resource]] : 11th International Symposium, AAECC-11, Paris, France, July 17-22, 1995. Proceedings / / edited by Gerard Cohen, Marc Giusti, Teo Mora

Pubbl/distr/stampa   Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1995

ISBN   3-540-49440-5

Edizione   [1st ed. 1995.]

Descrizione fisica   1 online resource (XI, 484 p.)

Collana   Lecture Notes in Computer Science, , 0302-9743 ; ; 948

Disciplina   005.7/2

Soggetti   Computers
Computer security
Data encryption (Computer science)
Coding theory
Information theory
Computer science—Mathematics
Combinatorics
Theory of Computation
Systems and Data Security
Cryptology
Coding and Information Theory
Symbolic and Algebraic Manipulation

Lingua di pubblicazione   Inglese

Formato   Materiale a stampa

Livello bibliografico   Monografia

Note generali   Bibliographic Level Mode of Issuance: Monograph

Nota di contenuto   Supports of a code -- Chemical isomerism, a challenge for algebraic combinatorics and for computer science -- On algebraic methods in covering radius problems -- How lower and upper complexity bounds meet in elimination theory -- Bivariate polynomial multiplication patterns -- Division of entire functions by polynomial ideals -- Variations on minimal codewords in linear codes -- On the computation of the radical of polynomial complete intersection ideals -- Which families of long binary linear codes have a binomial weight

distribution? -- The discovery of simple 7-designs with automorphism group P?L(2, 32) -- Fast exponentiation in cryptography -- On maximal spherical codes I -- Formal computation of Galois groups with relative resolvents -- A case of automatic theorem proving in Euclidean geometry: the Maclane 83 theorem -- Isometry classes of indecomposable linear codes -- When polynomial equation systems can be "solved" fast? -- Using symmetric functions to describe the solution set of a zero dimensional ideal -- Triangular systems and factorized Gröbner bases -- Computation in algebraic function fields for effective construction of algebraic-geometric codes -- Singly-even self-dual codes and Hadamard matrices -- Implicitization of curves parameterized by generalized trigonometric polynomials -- Randomness properties of partial ? - ? planes as LSI test inputs and their implementations -- Mixed covering codes with two binary and four ternary coordinates -- About approximations of exponentials -- A note on normal bases -- On the covering radius of long Goppa codes -- Integration of multivariate rational functions given by straight-line programs -- Polynomial gcd computations over towers of algebraic extensions -- Displacements of matrix products -- Testing identities of series defined by algebraic partial differential equations -- The complexity of formal resolution of linear partial differential equations -- A fast parallel implementation of the Berlekamp-Massey algorithm with a 1D systolic array architecture -- Tomography of constructible functions -- On the determination of formal solutions of a system of partial differential equations -- D 4, E 6, E 8 and the AGM -- Computation of the Galois groups of the resolvent factors for the direct and inverse Galois problems -- First integrals and Darboux polynomials of homogeneous linear differential systems.

Sommario/riassunto	This book constitutes the proceedings of the 11th International Conference on Applied Algebra, Algebraic Algorithms and Error-Correcting Codes, AAECC-11, held in Paris, France in July 1995. The volume presents five invited papers and 32 full revised research papers selected from a total of 68 submissions; it is focussed on research directed to the exploitation of algebraic techniques and methodologies for the application in coding and computer algebra. Among the topics covered are coding, cryptoloy, communication, factorization of polynomials, Gröbner bases, computer algebra, algebraic algorithms, symbolic computation, algebraic manipulation.

2. Record Nr.	UNINA9910373925203321
Titolo	Technology, Innovation, Entrepreneurship and Education : 3rd EAI International Conference, TIE 2019, Braga, Portugal, October 17–18, 2019, Proceedings / / edited by Cristina Sylla, Ido Iurgel
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-40180-4
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XII, 129 p. 40 illus., 31 illus. in color.)
Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 307
Disciplina	338.06 338.064
Soggetti	Application software Image processing - Digital techniques Computer vision Computer networks Computer and Information Systems Applications Computer Imaging, Vision, Pattern Recognition and Graphics Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Innovating and Exploring Children´s Learning -- Reading to Level Up: Gamifying Reading Fluency -- Rethinking the Design of Hotspots in Children's Digital Picturebooks: Insights from an Exploratory Study -- Children's tinkering activity with Collapse Informatics: the Internalization of Environmental Consciousness -- "Play and learn": exploring CodeCubes Innovating Media Usage -- Question & Answering interface to improve the students' experience in an e-learning course with a virtual tutor -- Exploring the Use of Augmented Reality Concepts to Enhance the TV Viewer Experience -- Design Experiments in Nonrepresentational VR and Symmetric Texture Generation in Real-Time Innovation for Special Needs -- Didactic toy for children with special needs -- Digitally-mediated Learning Environments and Information Literacy for Active Ageing: A Pilot Study -- European video

game development and disability: Reflections on data, rights, decisions and assistance Innovating Methods -- From community datamining to enterprising villagers -- The transformational effect of a designerly approach within a research project -- Visual Quotes and Physical Activity Tracking: Can Aesthetic Pleasure Motivate Our Short-term Exercise Motivation? -- Raising the Odds of Success for Innovative Product by Experimentation and Utilizing Input of Future User.

Sommario/riassunto	This book constitutes the refereed proceedings of the 3rd International Conference on Technology, Innovation, Entrepreneurship and Education, TIE 2019, held in Braga, Portugal, in October 2019. The 11 full and 2 short papers focus on emerging technologies for education, entertainment, well-being, creativity, arts and business development. In addition, it aims at promoting new venture creation opportunities that emerge from these innovations, as well as innovation methods that target these core subjects.