1. Record Nr.   UNINA9910462532603321

   Titolo   Computational number theory [[electronic resource]] : proceedings of
                     the Colloquium on Computational Number Theory held at Kossuth Lajos
                     University, Debrecen (Hungary), September 4-9, 1989 / / editors, Attila
                     Petho ... [et al.]

   Pubbl/distr/stampa   Berlin ; ; New York, : W. de Gruyter, 1991

   ISBN   3-11-086595-5

   Edizione   [Reprint 2011]

   Descrizione fisica   1 online resource (356 p.)

   Altri autori (Persone)   PethoAttila <1950->

   Disciplina   512/.7

   Soggetti   Number theory - Data processing
                     Electronic books.

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Note generali   Description based upon print version of record.

   Nota di bibliografia   Includes bibliographical references.

   Nota di contenuto   Front matter -- Preface -- List of contributors -- Table of contents --
                     On the construction of primitive elements and primitive normal bases
                     in a finite field / Stepanov, S.A. / Shparlinskiy, I.E. -- A numerical
                     method for the determination of the cyclotomic polynomial coefficients
                     / Grytczuk, A. / Tropak, B. -- Number systems / Kovács, . -- Fast
                     converging series representations of real numbers and their
                     implementations in digital processing / Melnichuk, Yu. V. -- On a
                     polynomial transformation and its application to the construction of a
                     public key cryptosystem / Pethö, A. -- Number-theoretic transforms
                     and a theorem of Sylvester - Kronecker - Zsigmondy / Tasche, M. /
                     Steidl, G. / Creutzburg, R. -- A probabilistic class group and regulator
                     algorithm and its implementation / Buchmann, J. / Düllmann, S. --
                     Prime-producing quadratic polynomials and class numbers of quadratic
                     orders / Halter-Koch, F. -- Applications of a new class number two
                     criterion for real quadratic fields / Mollin, R.A. -- On a solution of a
                     class number two problem for a family of real quadratic fields / Mollin,
                     R.A. / Williams, H.C. -- Cubic number fields with exceptional units /
                     Ennola, V. -- Enumeration of totally complex quartic fields of small
                     discriminant / Ford, D. -- Class number computation by cyclotomic or
                     elliptic units / Nakamula, K. -- Computing fundamental units from
                     independent units / Arenz, B. -- A note on index divisors / Pohst, M.

-- Computation of independent units in number fields by a combination of the methods of Buchmann/Pethö and Pohst / Zassenhaus / Schröter, U. -- Hecke actions on classes of ternary quadratic forms / Birch, B.J. -- Computation of singular moduli by multi-valued modular equations / Cohn, Harvey -- Congruent numbers and elliptic curves / Serf, P. -- The rank of elliptic curves upon quadratic extension / Schneiders, U. / Zimmer, H. G. -- On the resolution of some diophantine equations / Gaál, I. -- Index form equations in cubic number fields / Schulte, . -- On the practical solution of the Thue-Mahler equation / Tzanakis, N. / Weger, B.M.M. de -- Some results on Thue equations and Thue-Mahler equations / Evertse, J.H. / -- On the solution of the diophantine equation Gn = P(x) with sieve algorithm / Nemes, I. -- On Thue equations associated with certain quartic number fields / Stroeker, R.J. -- KANT - a tool for computations in algebraic number fields / Graf, J. / -- SIMATH - a computer algebra system / Hollinger, C. / Serf, P.

2.	Record Nr.	UNINA9910779717703321
	Titolo	Leveraging educational quality in Southern African educational systems [[electronic resource]] : a practitioners' perspective / / edited by Munyaradzi Mawere & Patient Rambe
	Pubbl/distr/stampa	Mankon, Bamenda, Cameroon, : Langaa Research & Pub. CIG, 2013
	ISBN	9956-790-80-X
		9956-790-92-3
	Descrizione fisica	1 online resource (296 p.)
	Altri autori (Persone)	MawereMunyaradzi
		RambePatient
	Disciplina	378.6
		378.60905
	Soggetti	Education, Elementary - South Africa
		Education, Secondary - South Africa
		Education and state - South Africa
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references.

Nota di contenuto	section I. Primary and secondary education -- section II. Tertiary education -- section III.
Sommario/riassunto	In the last two decades, erosion in the quality and effectiveness of education systems especially in sub-Saharan Africa has been compounded by factors -such as exogenous pressures precipitated by unsystematic provision of foreign aid - fostering corrupt practices, inadequate teacher training and limited deployment of professional educators to under-served communities. Yet, quality education is needed to attain high levels of critical thinking, analytic interpretation, academic creativity, innovativeness, effectiveness, personal and inter-personal skills in problem solving. This book, which focuses on Mozambique, South Africa, Zambia and Zimbabwe, critically reflects on primary, secondary and tertiary education in Southern Africa with a view to explore the opportunities, constraints and challenges that practitioners, learners and other educational stakeholders face in their daily lives. The book draws on the findings from the aforementioned countries, to advance the thesis that education in sub-Saharan Africa faces problems of epic proportions that require urgent attention. Hence, the primary objective of this book is to serve as a drive and medium for informed change, critical thinking, constructive analysis, synthesis and evaluation of different situations, settings and problems situated in the interface of theory and practice in the education fraternity.