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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Preface ; Acknowledgements; 1. Introduction; 1.1 Conventional number systems; 1.2 Redundant signed-digit number systems; 1.3 Residue number systems and arithmetic; 1.3.1 Choice of moduli; 1.3.2 Negative numbers; 1.3.3 Basic arithmetic; 1.3.4 Conversion; 1.3.5 Base extension; 1.3.6 Alternative encodings; 1.4 Using residue number systems; 1.5 Summary; References; 2. Mathematical fundamentals; 2.1 Properties of congruences; 2.2 Basic number representation; 2.3 Algebra of residues; 2.4 Chinese Remainder Theorem; 2.5 Complex residue-number systems; 2.6 Redundant residue number systems
	2.7 The Core Function2.8 Summary; References; 3. Forward conversion; 3.1 Special moduli-sets; 3.1.1 {2n-1, 2n; 2n+1g} moduli-sets; 3.1.2 Extended special moduli-sets; 3.2 Arbitrary moduli-sets: look-up tables; 3.2.1 Serial/sequential conversion; 3.2.2 Sequential/parallel conversion: arbitrary partitioning; 3.2.3 Sequential/parallel conversion: periodic partitioning; 3.3 Arbitrary moduli-sets: combinational logic; 3.3.1 Modular exponentiation; 3.3.2 Modular exponentiation with periodicity; 3.4 Summary; References; 4. Addition; 4.1 Conventional adders; 4.1.1 Ripple adder
	4.1.2 Carry-skip adder4.1.3 Carry-lookahead adders; 4.1.4 Conditional-sum adder; 4.1.5 Parallel-prex adders; 4.1.6 Carry-select adder; 4.2 Residue addition: arbitrary modulus; 4.3 Addition modulo 2n-1; 4.3.1 Ripple adder; 4.3.2 Carry-lookahead adder; 4.3.3 Parallel-prefix adder; 4.4 Addition modulo 2n + 1; 4.4.1 Diminished-one addition; 4.4.2 Direct addition; 4.5 Summary; References; 5. Multiplication; 5.1 Conventional multiplication; 5.1.1 Basic binary multiplication; 5.1.2 High-radix multiplication; 5.2 Conventional division; 5.2.1 Subtractive division; 5.2.2 Multiplicative division
	5.3 Modular multiplication: arbitrary modulus5.3.1 Table lookup; 5.3.2 Modular reduction of partial products; 5.3.3 Product partitioning; 5.3.4 Multiplication by reciprocal of modulus; 5.3.5 Subtractive division; 5.4 Modular multiplication: modulus 2n-1; 5.5 Modular multiplication: modulus 2n + 1; 5.6 Summary; References; 6. Comparison, overflow-detection, sign-determination, scaling, and division; 6.1 Comparison; 6.1.1 Sum-of-quotients technique; 6.1.2 Core Function and parity; 6.2 Scaling; 6.3 Division; 6.3.1 Subtractive division; 6.3.1.1 Basic subtractive division
	6.3.1.2 Pseudo-SRT division6.3.2 Multiplicative division; 6.4 Summary; References; 7. Reverse conversion; 7.1 Chinese Remainder Theorem; 7.1.1 Pseudo-SRT implementation; 7.1.2 Base-extension implementation; 7.2 Mixed-radix number systems and conversion; 7.3 The Core Function; 7.4 Reverse converters for f2n ¡ 1; 2n; 2n + 1g moduli-sets; 7.5 High-radix conversion; 7.6 Summary; References; 8. Applications; 8.1 Digital signal processing; 8.1.1 Digital filters; 8.1.1.1 Finite Impulse Response lters; 8.1.1.2 Infinite Impulse Response Filters; 8.1.2 Sum-of-products evaluation
	8.1.3 Discrete Fourier Transform
Sommario/riassunto	Residue number systems (RNSs) and arithmetic are useful for several reasons. First, a great deal of computing now takes place in embedded processors, such as those found in mobile devices, for which high speed and low-power consumption are critical; the absence of carry propagation facilitates the realization of high-speed, low-power arithmetic. Second, computer chips are now getting to be so dense that full testing will no longer be possible; so fault tolerance and the general area of computational integrity have become more important.

3.
Record Nr.	UNINA9910704932903321
Titolo	IRS refund information guidelines for the tax preparation community
Pubbl/distr/stampa	[Washington, D.C.] : , : Department of the Treasury, Internal Revenue Service, , [2012 (?)]-
Descrizione fisica	1 online resource
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Soggetti	Tax refunds - United States Electronic filing of tax returns - United States Electronic filing of tax returns Tax refunds Periodicals. United States
Lingua di pubblicazione	Inglese
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4.	Record Nr.	UNINA9910796749103321
	Autore	Cottini Luca
	Titolo	The Art of Objects : The Birth of Italian Industrial Culture, 1878-1928 / / Luca Cottini
	Pubbl/distr/stampa	Toronto : , : University of Toronto Press, , [2018] ©2018
	ISBN	1-4875-1611-8 1-4875-1610-X
	Descrizione fisica	1 online resource (326 pages) : illustrations
	Collana	Toronto Italian Studies
	Disciplina	338.40945
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	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Cover; Copyright; Dedication; Contents; List of Illustrations; Acknowledgments; Introduction; 1 At the Origin of Italian Industrialism; 2 Timepieces and Italian Modern Times; 3 Industrial Photographs and the Fictional Vision; 4 Bicycles and the Moving Body of the Nation; 5 Gramophones, Radio, and the New Languages of Sound; 6 Cigarettes and Smoke: The Modern Lightness of Being; 7 Toys, Clothes, Furniture, and the Aesthetic Power of Play; 8 The Industrial Laboratory of Italian Modernity; Notes; Works Cited; Index; Colour plates follow page 180.
	Sommario/riassunto	"Presenting a cultural history of early Italian industrialism, The Art of Objects is a cutting-edge investigation of Italy's industrial culture at the turn of the 20th century, set against the political, social, and intellectual background of post-unification Italy. By adopting the unusual perspective of several objects of mass consumption, from watches, photographs, and gramophones, to toys, and furniture items, author Luca Cottini examines the transformation of these objects as they enter the market from commercial items into aesthetic and philosophical icons. By focusing on the objects' unique position at the

intersection of production and consumption, art and entrepreneurship, The Art of Objects offers a more comprehensive account of the age between the Risorgimento and Fascism, encompassing the masses and the intellectual elite, technology and society, industry and the humanistic tradition. The observation of the slow formation of new languages, forms, practices, and experiences around these objects also provides an early documentation of the creative laboratory of Italy's industrial culture. Through close examination of the cultural significance of these objects as they appear in contemporary art and literature, the book ultimately investigates Italy's critical reception of industrialism, the nation's so-called "imperfect" modernization, and its ongoing quest for an original way to modernity."--