1.	Record Nr.	UNISA996466366703316
	Autore	Knuth Donald Ervin <1938->
	Titolo	MMIXware : a RISC computer for the third millennium / / Donald E. Knuth
	Pubbl/distr/stampa	Heidelberg : , : Springer, , [1999] Â©1999
	ISBN	3-540-46611-8
	Edizione	[1st ed. 1999.]
	Descrizione fisica	1 online resource (X, 550 p.)
	Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 1750
	Disciplina	004.22
	Soggetti	Computer architecture - Evaluation
	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.
	Nota di contenuto	MMIX -- MMIX-Arith -- MMIX-CONFIG -- MMIX-IO -- MMIX-MEM -- MMIX-PIPE -- MMIX-SIM -- MMIXAL -- MMMIX -- MMOTYPE.
	Sommario/riassunto	MMIX is a RISC computer designed by Don Knuth to illustrate machine-level aspects of programming. In the author's book series "The Art of Computer Programming", MMIX replaces the 1960s-style machine MIX. A particular goal in the design of MMIX was to keep its machine language simple, elegant, and easy to learn. At the same time, all of the complexities needed to achieve high performance in practice are taken into account. This book constitutes a collection of programs written in CWEB that make MMIX a virtual reality. Among other utilities, an assembler converting MMIX symbolic files to MMIX objects and two simulators executing the programs in given object files are provided. The latest version of all programs can be downloaded from MMIX's home page. The book provides a complete documentation of the MMIX computer and its assembly language. It also presents mini-indexes, which make the programs much easier to understand. A corrected reprint of the book has been published in August 2014, replacing the version of 1999.

2.	Record Nr.	UNINA9910818655503321
	Autore	Otter A. A. den (Andy Albert den), <1941->
	Titolo	The philosophy of railways : the transcontinental railway idea in British North America / / A.A. den Otter
	Pubbl/distr/stampa	Toronto, [Ontario] ; ; Buffalo, [New York] ; ; London, [England] : , : University of Toronto Press, , 1997 ©1997
	ISBN	1-282-02558-9 9786612025587 1-4426-7846-1
	Descrizione fisica	1 online resource (317 p.)
	Disciplina	385.0971
	Soggetti	Railroads - Canada - History Livres numeriques. History e-books. Electronic books. Britisch-Nordamerika Canada
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Includes index.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	; 1. Technological Nationalism: The Backdrop -- ; 2. The Guarantee Act: Signpost for an Era -- ; 3. Nova Scotia: Railways and the New Economy -- ; 4. The Grand Trunk Railway: The New Imperialism -- ; 5. Saint John: Fulcrum Metropol -- ; 6. The Pacific Scandal: Nationalism and Business -- ; 7. The National Policy: Defining a Nation -- ; 8. The Philosophy of Railways: Conclusions and Conjectures.
	Sommario/riassunto	"When, in the late 1980s, the federal government initiated a plan to deregulate the Canadian railway system, lobby groups protested the betrayal of a national mandate. They asserted that the railway was founded to promote a sense of national identity, to provide access to isolated regions of the country, and to ensure a transnational exchange of goods and ideas. In The Philosophy of Railways, A.A. den Otter considers the relationship between nationalism and technology, and

shows how the popular rhetoric surrounding the evolution of the Canadian Pacific Railway has mythologized the role of a private corporation and its technology. He questions the notion that the railways were built as an antidote to American manifest destiny, suggesting instead that the widespread adoption of railway transportation as a civilizing mission impelled Canadians to bow to technology's integrating effects, including confederation and closer ties with the United States."--Jacket.