1.	Record Nr.	UNISA996466112103316
	Autore	Fernstrom Christer
	Titolo	LUCAS Associative Array Processor [[electronic resource]] : Design, Programming and Application Studies / / by Christer Fernstrom, Ivan Kruzela, Bertil Svensson
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1986
	ISBN	3-540-39785-X
	Edizione	[1st ed. 1986.]
	Descrizione fisica	1 online resource (XIV, 326 p.)
	Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 216
	Disciplina	005.18
	Soggetti	Microprogramming Arithmetic and logic units, Computer Computer memory systems Microprocessors Control Structures and Microprogramming Arithmetic and Logic Structures Memory Structures Processor Architectures
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Parallel and associative processing -- LUCAS System Architecture -- Basic instructions -- Comparison with related designs -- LUCAS microprogramming language -- PASCAL/L — A high level language for LUCAS -- Some well-known problems implemented on LUCAS -- LUCAS as a backend processor for relational database processing -- LUCAS as a dedicated processor for image processing -- Conclusions and continued research.