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	Autore	VILLORESI, Marco
	Titolo	La letteratura cavalleresca : dai cicli medioevali all'Ariosto / Marco Villoresi
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Autore   Halang Wolfgang A. <1951->

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Altri autori (Persone)   SachaKrzysztof M

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Nota di bibliografia   Includes bibliographical references (p. 335-344) and index.

Nota di contenuto   Contents; Preface; List of Figures; List of Tables; Authors; Chapter 1 Real-Time Computing and Industrial Process Automation; 1.1 Introduction; 1.2 Industrial Control Systems; 1.3 Example: A Chemical Process; 1.4 Historical Perspective; Chapter 2 Conceptual Foundations; 2.1 Real-Time System Characteristics; 2.2 Continuous and Discrete Time; 2.3 Engineering Approach to Hard Real-TimeSystem Design; Chapter 3 Digital Control of Continuous Processes; 3.1 Introduction; 3.2 Linear System Theory; 3.3 Control System Analysis and Design; 3.4 Digitising Analogue Signals; 3.5 New Developments
                             Chapter 4 Hardware Architectures4.1 Classical Process Automation; 4.2 Centralised Direct Digital Control; 4.3 Redundant Configurations; 4.4 Multi-Level Control Systems; 4.5 Network..flased Distributed Systems; 5.3 Analogue Outputs; 5.4 Analogue Inputs; 5.5 Serial Interface; Chapter 6 Communication Networks; 6.1 Network Architecture; 6.2 LAN Technology; 6.3 LAN Medium Access Control; 6.4 LAN Logical Link Control; 6.5 MAP /TOP Protocol; Chapter 7 Real-Time Operating Systems Principles; 7.1 Operating System Requirements; 7.2 Synchronous and Asynchronous Task Execution
                             7.3 Multi-Tasking7.4 Task Synchronisation and Communication; 7.5 Time and Event Handling; 7.6 Distributed Operating Systems; Chapter 8

Sommario/riassunto	This book represents the first comprehensive text in English on real-time and embedded computing systems. It is addressed to engineering students of universities and polytechnics as well as to practitioners and provides the knowledge required for the implementation of industrial computerized process control and manufacturing automation systems. The book avoids mathematical treatment and supports the relevance of the concepts introduced by practical examples and case studies. Special emphasis is placed on a sound conceptual basis and on methodologies and tools for the development of high qualit