1.	Record Nr.	UNINA9910787845803321
	Autore	Wertz Jean-Luc
	Titolo	Cellulose science and technology / / Jean-Luc Wertz, Olivier Bedue and Jean P. Mercier
	Pubbl/distr/stampa	Lausanne, Switzerland : , : EPFL Press Boca Raton, FL : , : Taylor and Francis, , [2010] ©2010
	ISBN	0-429-13120-8 1-4200-6688-9
	Descrizione fisica	1 online resource (364 p.)
	Collana	Fundamental Sciences. Chemistry
	Disciplina	547.78
	Soggetti	Cellulose - Chemistry Cellulose
	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 at the end of each chapters.
	Nota di contenuto	Front Cover; First Foreword; Second Foreword; Table of contents; Preface; Chapter 1: Introduction; Chapter 2: Biosynthesis of Cellulose; Chapter 3: Structure and Properties : of Cellulose; Chapter 4: Swelling and Dissolution of Cellulose; Chapter 5: Enzymatic Hydrolysis of Cellulose; Chapter 6: Non-Biological Degradation of Cellulose; Chapter 7: Cellulose Derivatives; Chapter 8: Fuels and Chemicals from Biomass; Chapter 9: Perspectives; Glossary; Back Cover
	Sommario/riassunto	Cellulose is a major constituent of papers made from plant fibers and combustible component of non-food energy crops. An ideal reference for scientists in natural and synthetic polymer research, this book applies basic biology as well as polymer and sugar chemistry to the study of cellulose. It provides key requirements for understanding the complex structure and biosynthesis of cellulose and its dissolution into new solvents. Cellulose Science and Technology also clarifies the enzymatic hydrolysis of cellulose leading to simple sugars that can be fermented into bioethanol. It examines the bac

2.	Record Nr.	UNINA9910143881703321
	Titolo	Objects, Components, Architectures, Services, and Applications for a Networked World : International Conference NetObjectDays, NODe 2002, Erfurt, Germany, October 7-10, 2002, Revised Papers / / edited by Mehmet Aksit, Mira Mezini, Rainer Unland
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2003
	ISBN	3-540-36557-5
	Edizione	[1st ed. 2003.]
	Descrizione fisica	1 online resource (XI, 434 p.)
	Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2591
	Disciplina	005.1/17
	Soggetti	Computer networks Software engineering Operating systems (Computers) Information storage and retrieval Application software Information technology Business—Data processing Computer Communication Networks Software Engineering Operating Systems Information Storage and Retrieval Information Systems Applications (incl. Internet) IT in Business
	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 at the end of each chapters and index.
	Nota di contenuto	Keynotes -- AspectJ(tm): Aspect-Oriented Programming in Java -- Agile Processes and Modeling -- Eclipse - An Open Source Platform for the Next Generation of Development Tools -- Regular Papers -- A Framework for Resource Management in Peer-to-Peer Networks -- A Lightweight Communication Infrastructure for Spontaneously Networked Devices with Limited Resources -- Serialization of

Distributed Execution-State in Java -- Specification of Business Components -- Graph Rewrite Systems for Software Design Transformations -- Lightweight Plug-In-Based Application Development -- Supporting Component-Based Software Evolution -- Java Smart Ticket Demo Application Scrutinized -- Java Class Deployment Using Class Collections -- Do We Need Components for Persistent Data Storage in the Java 2 Enterprise Environment? -- Consistency Checking of Financial Derivatives Transactions -- Toolkits for Generating Wrappers -- Developing a Generic Concept of an Electronic Negotiation Process with ebXML -- AspectS - Aspect-Oriented Programming with Squeak -- Relational Database Support for Aspect-Oriented Programming -- Object Teams: Improving Modularity for Crosscutting Collaborations -- Ubiquitous Healthcare: The OnkoNet Mobile Agents Architecture -- Extending Activity Diagrams to Model Mobile Systems -- A Concrete Method for Developing and Applying Product Line Architectures -- Generic Implementation of Product Line Components -- Qualifying Types Illustrated by Synchronisation Examples -- Advanced Thread Synchronization in Java Using Interaction Expressions -- Refactoring Browser for UML -- Test-Driven Web Application Development in Java -- UML-Based Statistical Test Case Generation -- Do We Need 'Agile' Software Development Tools?.

| Sommario/riassunto | This book constitutes the thoroughly refereed post-proceedings of the international conference NetObjectDays 2002, held in Erfurt, Germany, in October 2002. The 26 revised full papers presented were carefully selected during two rounds of reviewing and revision. The papers are organized in topical sections on embedded and distributed systems; components and MDA; Java technology; Web services; aspect-oriented software design; agents and mobility; software product lines; synchronization; testing, refactoring, and CASE tools. |