

1. Record Nr.	UNINA9910818521403321
Autore	Geisler Rainer
Titolo	Industrial software applications : a master's course of engineers // Rainer Geisler
Pubbl/distr/stampa	Berlin, [Germany] ; ; Munich, [Germany] ; ; Boston, [Massachusetts] : , : De Gruyter Oldenbourg, , 2015 ©2015
ISBN	1-5231-0458-9 3-11-037099-9 3-11-039678-5
Descrizione fisica	1 online resource (520 p.)
Collana	De Gruyter Textbook
Classificazione	QP 345
Disciplina	658.4/038011
Soggetti	Management information systems Manufacturing processes - Data processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Frontmatter -- Foreword -- Content -- 1. Introduction and Types of Information Systems (IS) -- 2. Focus on Production Planning Systems (PPS) -- 3. Integration of Information Systems: Forms, Methods and Concepts -- 4. ERP Systems: Basic Concepts and the Example SAP -- 5. IT-Management -- 6. Planning and Preparing IS Development -- 7. Creating and Introducing IS -- 8. Solutions for Review Questions -- List of Figures -- List of Tables -- Index
Sommario/riassunto	This book is written for engineering students and working professionals. Technical professionals are increasingly involved in IT issues, such as implementing IT systems, managing them, and taking part in requirements analysis/vendor selection. In this book, the basics of production planning systems (PPS) are covered, as well as their implementation in ERP-Systems like SAP. Readers also learn the basics of practical IT management and software creation through detailed, real-world examples. The book serves as a full 5 ECTS study module, which fits into any engineering curriculum. 150 multiple-choice quizzes, practical exercises and a text filled with experiential examples make it a convenient choice for selfstudy and for classroom use.

