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Titolo	Collaborative Knowledge Management Through Product Lifecycle : A Computational Perspective / / by Hongwei Wang, Gongzhuang Peng
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Descrizione fisica	1 online resource (295 pages)
Altri autori (Persone)	PengGongzhuang
Disciplina	670.285
Soggetti	Computer-aided engineering
	Engineering design
	Electronic data processing—Management
	Application software
	Information storage and retrieval systems
	Computer systems
	Computer-Aided Engineering (CAD, CAE) and Design
	Engineering Design
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	Computer and Information Systems Applications
	Information Storage and Retrieval
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Lingua di pubblicazione	Inglese
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Nota di contenuto	Knowledge management through product lifecycle -- The collaborative knowledge management paradigm -- Knowledge modelling methods -- Advanced knowledge retrieval methods -- Knowledge reuse in collaborative knowledge management -- Discussion.
Sommario/riassunto	This book not only presents the state-of-the-art research on knowledge modelling, knowledge retrieval and knowledge reuse, but also elaborates the Collaborative Knowledge Management (CKM) paradigm and the architecture for the next generation of knowledge management systems. Although knowledge management has been extensively studied, particularly in the fields of business management and engineering design, there is a lack of systematic methodologies for

addressing the integrated and collaborative dimension of knowledge management during the collaborative process of designing and developing complex systems, products, processes and services. The rapid development of information technologies, together with their applications in engineering and management, has laid the foundation for a Collaborative Knowledge Management (CKM) paradigm. The book specifically discusses this paradigm from a computational perspective. By exploring specific research findings underpinning further CKM research and applications and describing methods related to hot research topics and new research areas, the book appeals to professionals, researchers and graduate students who are interested in knowledge management and related topics and who have a basic understanding of information technologies, computational methods, and knowledge management.