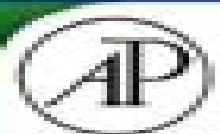


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KUANG-HUA CHANG



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gives the reader a thorough explanation of Product Lifecycle Management PLM and provides them with a full understanding and the skills to implement PLM within their own business environment This new and expanded edition is fully updated to reflect the many technological and management advances made in PLM since the release of the fourth edition Product Lifecycle Management will broaden the reader s understanding of PLM nurturing the skills needed to implement PLM successfully and to achieve world class product performance across the lifecycle Among the components of PLM described are product related business processes product data product data management PDM systems other PLM applications best practices company objectives and organisation This book also describes the relationships of PLM with the Internet of Things Industry 4 0 Digital Twins and Digital Threads Product Lifecycle Management 5th edition explains what PLM is and why it is needed It describes the environment in which products are ideated developed manufactured supported and retired before addressing the main components of PLM and PLM Initiatives Key activities in PLM Initiatives described include organisational change management OCM and project management The final part of the book addresses the PLM Initiative showing the typical steps and activities of a PLM project or initiative

Industry Competitiveness: Digitalization, Management, and Integration Aleksei V. Bogoviz, Yulia V. Ragulina, 2020-02-24 This book with contributions by both leading scholars and industry experts provides a coherent framework for understanding complex determinants and patterns of industry competitiveness Divided into eight parts it covers both quantitative and qualitative research on the following topics technologies economic development and human resources in Industry 4 0 management in the digital economy artificial intelligence and knowledge management approaches drivers of sustainable and innovative development in corporations resilient and competitive systems in the energy sector compliance and anti corruption mechanisms and competence networks and technological integration Thanks to its highly stimulating discussions on the determinants and patterns of industry competitiveness this book appeals to a wide readership

Biomedical Devices Tugrul Özel, Paolo Jorge Bártolo, Elisabetta Ceretti, Joaquim De Ciurana Gay, Ciro Angel Rodriguez, Jorge Vicente Lopes Da Silva, 2016-10-24 Biomedical Devices Design Prototyping and Manufacturing features fundamental discussions of all facets of materials processing and manufacturing processes across a wide range of medical devices and artificial tissues Represents the first compilation of information on the design prototyping and manufacture of medical devices into one volume Offers in depth coverage of medical devices beginning with an introductory overview through to the design manufacture and applications Features examples of a variety of medical applications of devices including biopsy micro forceps micro needle arrays wrist implants spinal spacers and fixtures Provides students doctors scientists and technicians interested in the development and applications of medical devices the ideal reference source

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