



Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges

From Springer

Download now

Read Online 

Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges From Springer

Presenting the gradual evolution of the concept of Concurrent Engineering (CE), and the technical, social methods and tools that have been developed, including the many theoretical and practical challenges that still exist, this book serves to summarize the achievements and current challenges of CE and will give readers a comprehensive picture of CE as researched and practiced in different regions of the world.

Featuring in-depth analysis of complex real-life applications and experiences, this book demonstrates that Concurrent Engineering is used widely in many industries and that the same basic engineering principles can also be applied to new, emerging fields like sustainable mobility.

Designed to serve as a valuable reference to industry experts, managers, students, researchers, and software developers, this book is intended to serve as both an introduction to development and as an analysis of the novel approaches and techniques of CE, as well as being a compact reference for more experienced readers.

 [Download Concurrent Engineering in the 21st Century: Founda ...pdf](#)

 [Read Online Concurrent Engineering in the 21st Century: Foun ...pdf](#)

Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges

From Springer

Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges From Springer

Presenting the gradual evolution of the concept of Concurrent Engineering (CE), and the technical, social methods and tools that have been developed, including the many theoretical and practical challenges that still exist, this book serves to summarize the achievements and current challenges of CE and will give readers a comprehensive picture of CE as researched and practiced in different regions of the world.

Featuring in-depth analysis of complex real-life applications and experiences, this book demonstrates that Concurrent Engineering is used widely in many industries and that the same basic engineering principles can also be applied to new, emerging fields like sustainable mobility.

Designed to serve as a valuable reference to industry experts, managers, students, researchers, and software developers, this book is intended to serve as both an introduction to development and as an analysis of the novel approaches and techniques of CE, as well as being a compact reference for more experienced readers.

Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges From Springer Bibliography

- Rank: #5997884 in Books
- Published on: 2015-01-31
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x 1.75" w x 6.14" l, .0 pounds
- Binding: Hardcover
- 839 pages



[Download Concurrent Engineering in the 21st Century: Founda ...pdf](#)



[Read Online Concurrent Engineering in the 21st Century: Foun ...pdf](#)

Download and Read Free Online Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges From Springer

Editorial Review

From the Back Cover

Presenting the gradual evolution of the concept of Concurrent Engineering (CE), and the technical, social methods and tools that have been developed, including the many theoretical and practical challenges that still exist, this book serves to summarize the achievements and current challenges of CE and will give readers a comprehensive picture of CE as researched and practiced in different regions of the world.

Featuring in-depth analysis of complex real-life applications and experiences, this book demonstrates that Concurrent Engineering is used widely in many industries and that the same basic engineering principles can also be applied to new, emerging fields like sustainable mobility.

Designed to serve as a valuable reference to industry experts, managers, students, researchers, and software developers, this book is intended to serve as both an introduction to development and as an analysis of the novel approaches and techniques of CE, as well as being a compact reference for more experienced readers.

About the Author

Dr. Josip Stjepandi? is the Head of business unit 3D Product Creation at PROSTEP AG, the leading product data integration company worldwide. After receiving his grade as a M. Eng. from the University of Zagreb and his Ph.D. from the University of Technology of Graz, he has worked for two automotive suppliers in the areas engineering simulation and design methodology. From 1994 to 1996, he was Associated Professor for Applied Informatics in Mechanical Engineering at the University of Applied Sciences Dortmund. Since 1996, he has been in charge for consultancy and solution development at PROSTEP AG in the areas of design methodology, supplier integration, systems engineering, knowledge-based engineering, product data validation and visualization, configuration management and CAD data exchange for many industries (automotive, aerospace, shipbuilding, machinery). One of his most important contributions is the multiply awarded global supplier portal OpenDESC.com. His current research is focused on systems engineering, modular design, and digital factory.

Dr. Nel Wognum has received her Master Degree in Medical Informatics at Leiden University and her PhD in knowledge-based systems at University of Twente in The Netherlands. She has been an Assistant Professor in University of Twente, first in knowledge-based systems, later in organization and management studies. Her field of interest has since long been the interaction between various dimensions, disciplines, and functions, as in Concurrent Engineering. She was the President of ISPE from 2004 til 2006. Since 2007 she has worked as a researcher in Wageningen University in the Management Studies Group in the field of supply chain management in the food area. Concurrent Engineering principles are also applying to this field of study. She has authored and co-authored various publications in this field. Since the end of 2014, Nel Wognum is enjoying her retirement.

Dr. Wim Verhagen is an Assistant Professor at the section of Air Transport & Operations, Faculty of Aerospace Engineering, Delft University of Technology. He obtained his M.Sc. and Ph.D. degrees at the same university. The focus of his early research has been on knowledge-based engineering systems in

aircraft lifecycle processes. In recent years, Dr. Verhagen's research has focused on aircraft maintenance research, including the development of Maintenance Information System (MIS) functionality using knowledge-based techniques. Furthermore, maintenance execution, spare parts management and logistics as well as maintenance scheduling optimization are specific topics of interest. He has authored and co-authored a range of publications in the fields of knowledge-based engineering systems and aircraft maintenance.

Users Review

From reader reviews:

James Goodman:

Book is to be different for each grade. Book for children until eventually adult are different content. As you may know that book is very important normally. The book Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges was making you to know about other expertise and of course you can take more information. It is extremely advantages for you. The guide Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges is not only giving you far more new information but also to get your friend when you feel bored. You can spend your own spend time to read your reserve. Try to make relationship with the book Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges. You never really feel lose out for everything in the event you read some books.

Marlon Taylor:

Information is provisions for those to get better life, information presently can get by anyone with everywhere. The information can be a expertise or any news even a huge concern. What people must be consider if those information which is in the former life are difficult to be find than now is taking seriously which one would work to believe or which one the resource are convinced. If you get the unstable resource then you get it as your main information we will see huge disadvantage for you. All those possibilities will not happen in you if you take Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges as the daily resource information.

Rick Braden:

A lot of people always spent their own free time to vacation or perhaps go to the outside with them family members or their friend. Did you know? Many a lot of people spent these people free time just watching TV, as well as playing video games all day long. If you need to try to find a new activity honestly, that is look different you can read any book. It is really fun for you. If you enjoy the book that you simply read you can spent all day every day to reading a book. The book Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges it is very good to read. There are a lot of people that recommended this book. These were enjoying reading this book. When you did not have enough space to develop this book you can buy typically the e-book. You can m0ore simply to read this book from your smart phone. The price is not very costly but this book possesses high quality.

Joseph Mack:

Beside this Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges in your phone, it could give you a way to get closer to the new knowledge or info. The information and the knowledge you might got here is fresh through the oven so don't be worry if you feel like an old people live in narrow village. It is good thing to have Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges because this book offers to your account readable information. Do you sometimes have book but you would not get what it's interesting features of. Oh come on, that will not end up to happen if you have this with your hand. The Enjoyable blend here cannot be questionable, just like treasuring beautiful island. Techniques you still want to miss the idea? Find this book in addition to read it from right now!

Download and Read Online Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges From Springer #JR5LG9PQBIN

Read Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges From Springer for online ebook

Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges From Springer Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges From Springer books to read online.

Online Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges From Springer ebook PDF download

Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges From Springer Doc

Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges From Springer Mobipocket

Concurrent Engineering in the 21st Century: Foundations, Developments and Challenges From Springer EPub