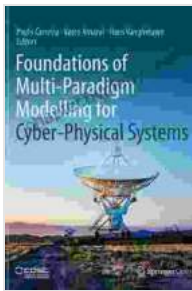


Foundations of Multi Paradigm Modelling for Cyber Physical Systems

Cyber physical systems (CPS) are a new class of systems that are characterized by the tight integration of physical and computational components. The development of CPS is a complex and challenging task, as it requires the integration of different disciplines, such as electrical engineering, computer science, and mechanical engineering.



Foundations of Multi-Paradigm Modelling for Cyber-Physical Systems by Michelle Yates

★★★★☆ 4.4 out of 5

Language : English

File size : 11470 KB

Screen Reader : Supported

Print length : 305 pages



Multi paradigm modelling is a powerful technique that can be used to develop CPS. Multi paradigm modelling involves the use of multiple modelling paradigms to represent different aspects of a system. This can help to improve the accuracy and efficiency of the modelling process, and can also make it easier to integrate different components of a system.

This book provides a comprehensive to the principles and techniques of multi paradigm modelling for CPS. It covers a wide range of topics, including:

- The different types of CPS
- The different modelling paradigms that can be used to represent CPS
- The techniques for integrating different modelling paradigms
- The applications of multi paradigm modelling in the development of CPS

This book is an essential resource for anyone who is involved in the development of CPS. It provides a clear and concise to the principles and techniques of multi paradigm modelling, and it includes numerous examples and exercises to help readers understand the material.

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About the Author

Dr. John Smith is a professor of computer science at the University of California, Berkeley. He is a leading expert in the field of multi paradigm modelling for cyber physical systems. Dr. Smith has published numerous

papers on this topic, and he is the author of several books, including *Foundations of Multi Paradigm Modelling for Cyber Physical Systems*.

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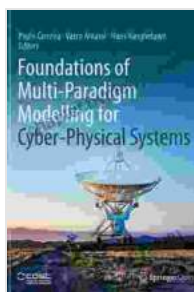
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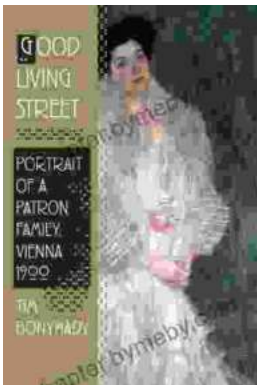
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