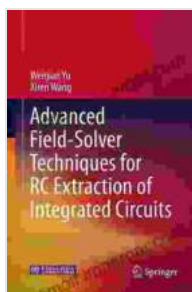


# Unleash the Secrets of Advanced Field Solver Techniques for RC Extraction

In the realm of integrated circuit (IC) design, accurate and efficient resistance-capacitance (RC) extraction is paramount to ensure optimal performance and reliability. Advanced field solver techniques play a crucial role in this process, providing unparalleled precision and speed in extracting parasitics for complex IC designs.



## Advanced Field-Solver Techniques for RC Extraction of Integrated Circuits by Xiren Wang

★★★★★ 5 out of 5

Language : English  
File size : 7266 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 261 pages



This comprehensive guide, "Advanced Field Solver Techniques for RC Extraction of Integrated Circuits," delves deep into the intricacies of field solver technologies, empowering you with the knowledge and skills to tackle the challenges of modern IC design. From fundamental concepts to state-of-the-art algorithms, this book equips you with the expertise to:

- Master the principles of field solvers and their application in RC extraction

- Explore advanced techniques for handling complex 3D structures and heterogeneous materials
- Overcome the challenges of parasitic extraction for power integrity and signal integrity analysis
- Utilize advanced algorithms to accelerate the extraction process and enhance accuracy
- Gain practical insights from real-world case studies and industry best practices

Written by renowned experts in the field, this book is an invaluable resource for practicing engineers, researchers, and students seeking to push the boundaries of IC design. Its comprehensive coverage and in-depth analysis provide a solid foundation for understanding and applying advanced field solver techniques in the context of RC extraction.

#### Key Features:

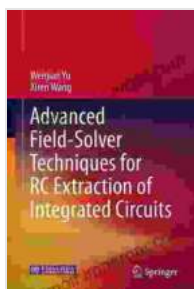
- Comprehensive coverage of field solver theory and techniques
- Practical guidance on handling complex 3D structures and heterogeneous materials
- Advanced algorithms for accelerated extraction and improved accuracy
- Real-world case studies and industry best practices
- Written by leading experts in the field of RC extraction

Don't miss out on this opportunity to unlock the full potential of advanced field solver techniques for RC extraction. Free Download your copy today and elevate your skills to the next level.

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Image alt attribute: A group of engineers working on a computer simulation of an integrated circuit.



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