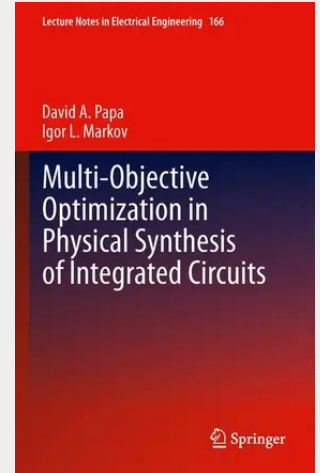


Multi-Objective Optimization in Physical Synthesis of Integrated Circuits

This book introduces techniques that advance the capabilities and strength of modern software tools for physical synthesis, with the ultimate goal to improve the quality of leading-edge semiconductor products. It provides a comprehensive introduction to physical synthesis and takes the reader methodically from first principles through state-of-the-art optimizations used in cutting edge industrial tools. It explains how to integrate chip optimizations in novel ways to create powerful circuit transformations that help satisfy performance requirements.

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106,99 €

99,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9781493900800

Medium: Buch

ISBN: 978-1-4939-0080-0

Verlag: Humana

Erscheinungstermin: 19.09.2014

Sprache(n): Englisch

Auflage: 2013

Serie: Lecture Notes in Electrical Engineering

Produktform: Kartoniert

Gewicht: 2642 g

Seiten: 158

Format (B x H): 155 x 235 mm

