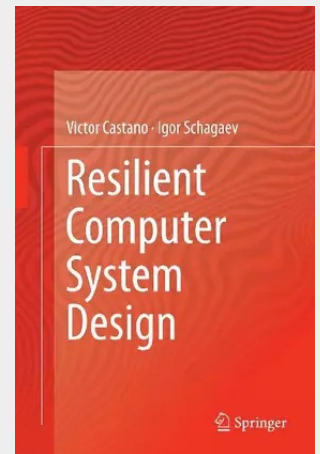


Resilient Computer System Design

This book presents a paradigm for designing new generation resilient and evolving computer systems, including their key concepts, elements of supportive theory, methods of analysis and synthesis of ICT with new properties of evolving functioning, as well as implementation schemes and their prototyping. The book explains why new ICT applications require a complete redesign of computer systems to address challenges of extreme reliability, high performance, and power efficiency. The authors present a comprehensive treatment for designing the next generation of computers, especially addressing safety critical, autonomous, real time, military, banking, and wearable health care systems.

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106,99 €

99,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783319150680

Medium: Buch

ISBN: 978-3-319-15068-0

Verlag: Palgrave Macmillan

Erscheinungstermin: 28.04.2015

Sprache(n): Englisch

Auflage: 2015

Produktform: Gebunden

Gewicht: 5884 g

Seiten: 256

Format (B x H): 160 x 241 mm

