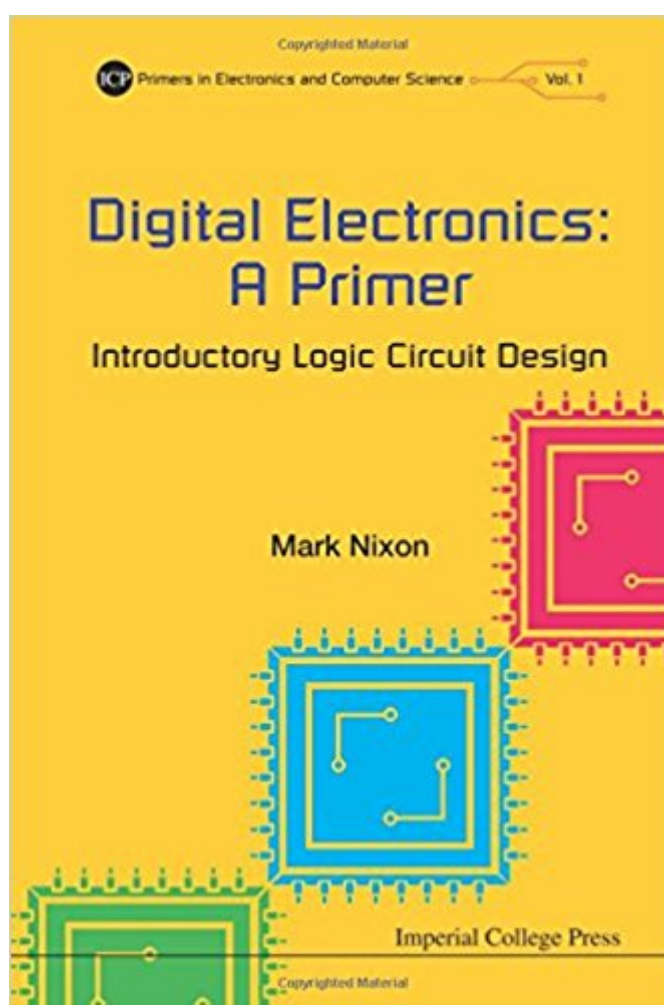The book was found

Digital Electronics: A Primer : Introductory Logic Circuit Design (Icp Primers In Electronics And Computer Science)

Synopsis

This practical introduction explains exactly how digital circuits are designed, from the basic circuit to the advanced system. It covers combinational logic circuits, which collect logic signals, to sequential logic circuits, which embody time and memory to progress through sequences of states. The primer also highlights digital arithmetic and the integrated circuits that implement the logic functions. Based on the author's extensive experience in teaching digital electronics to undergraduates, the book translates theory directly into practice and presents the essential information in a compact, digestible style. Worked problems and examples are accompanied by abbreviated solutions, with demonstrations to ensure that the design material and the circuits' operation are fully understood. This is essential reading for any electronic or electrical engineering student new to digital electronics and requiring a succinct yet comprehensive introduction. .

Book Information

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This unique book describes how digital circuits are designed, from the basic circuit to the advanced system. It covers combinational logic circuits, which collect logic signals, to sequential logic circuits, which embody time and memory to progress through sequences of states. The book also highlights digital arithmetic and the integrated circuits that implement the logic functions. Based on the author's extensive experience in teaching this subject, the book is full of practical value, and is

presented in a compact and digestible style. There are worked problems and examples with abbreviated solutions. The worked solutions are accompanied by demonstrations to ensure that the design material and the circuits' operation are well appreciated.

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