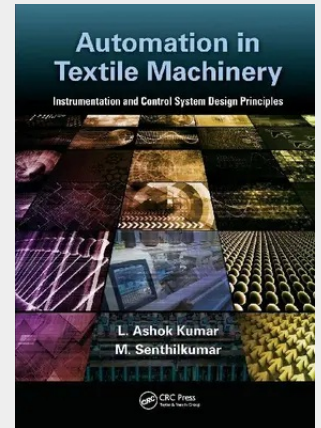


Automation in Textile Machinery

Instrumentation and Control System Design Principles

Automation is the use of various control systems for operating equipment such as machinery and processes. In line, this book deals with comprehensive analysis of the trends and technologies in automation and control systems used in textile engineering. The control systems described in all chapters is to dissect the important components of an integrated control system in spinning, weaving, knitting, chemical processing and garment industries, and then to determine if and how the components are converging to provide manageable and reliable systems throughout the chain from fiber to the ultimate customer. Key Features: • Describes the design features of machinery for operating various textile machineries in product manufacturing • Covers the fundamentals of the instrumentation and control engineering used in textile machineries • Illustrates sensors and basic elements for textile automation • Highlights the need of robotics in textile engineering • Reviews the overall idea and scope of research in designing textile machineries

Book includes comprehensive analysis of the trends and technologies in automation and control systems used in textile engineering. Each of the chapter explain important components of an integrated control system in various facets of textile manufacturing and its applications.



72,80 €

72,80 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780367571870

Medium: Buch

ISBN: 978-0-367-57187-0

Verlag: CRC Press

Erscheinungstermin: 30.06.2020

Sprache(n): Englisch

Auflage: 1. Auflage 2020

Produktform: Kartoniert

Gewicht: 851 g

Seiten: 456

Format (B x H): 178 x 254 mm

