Covers design of traditional and advanced clothing manufacturing processes, from foundational theory and definitions to technical standards and formulae

This second edition of Design of Clothing Manufacturing Processes provides a comprehensive overview of clothing manufacturing process design and planning, beginning with clothing classification systems and market segmentation, clothing sizing systems, and key issues in developing a fashion collection. Special emphasis is placed on production planning and control, with detailed coverage of clothing design planning, pattern making and cutting, joining techniques, work analysis, clothing manufacturing planning, the quality requirement for clothing materials, and seam performance.

With its descriptions of the rapid, integrated, and flexible manufacturing systems of today, driven by demand information, this book explains how new supply chain models and manufacturing processes can lead to a much quicker route from design to distribution. This new edition is updated with important new research and topics, including digital fashion and the performance of seams as an important criterion for the quality and appearance of clothing.

Key Features:
- Considers in detail the design of clothing classification and sizing systems
- Comprehensively presents the requirements of digital fashion, the terminology used for virtual garment, fabric modelling for virtual clothing simulation, and digital fitting
- Discusses the planning required in all aspects of clothing production from design and pattern making to manufacture
- Provides a thorough review and description of quality requirements for clothing materials
- Looks in detail at the performance of stitched seams, from the theoretical basis for determining seam strength, the parameters that affect seam strength, to the phenomenon of seam pucker

About the Author:
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A Systematic Approach to Developing, Planning, and Control
Second Edition

Jelka Geršak