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Autore	Nimeroff Isadore
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Nota di contenuto	1. Colorimetric Evaluations and Characterization of Natural and Synthetic Dyes/Pigments and Dyed Textiles and Related Products -- 2. UV-Visible Spectroscopy for Colorimetric Applications -- 3. Reflectance Spectra Analysis Algorithms for the Characterization of Deposits and Condensed Traces on Surfaces -- 4. Spectroscopy and Spectrophotometry: Principles and Applications for Colorimetric and Related Other Analysis -- 5. Basic Principles of Colour Measurement and Colour Matching of Textiles and Apparels -- 6. Colorimetric Measurement and Functional Analysis of Selective Natural Colorants Applicable for Food and Textile Products -- 7. A Digital Image-Based Colorimetric Technique Use for Quantification of Green Active Pharmaceuticals Obtained from Natural Sources -- 8. Colorimetry in Nuclear Fusion Research -- 9. Evaluation of Camouflage Coloration of Polyamide-6,6 Fabric by Comparing Simultaneous Spectrum in Visible and Near-Infrared Region for Defense Applications.
Sommario/riassunto	This book presents a comprehensive overview of colorimetry and colorimetric analysis of dyes, pigments, paints, pharmaceuticals, and other products via spectrophotometric and spectroscopic analysis. Chapters address such topics as UV VIS spectroscopy, reflectance spectral analysis of colours, colour science in the paint industry, colouration of textiles for defence applications, and much more.