

1. Record Nr.	UNINA9910821733603321
Autore	Burkinshaw Stephen M
Titolo	Physico-chemical Aspects of Textile Coloration [[electronic resource]] / Stephen M. Burkinshaw
Pubbl/distr/stampa	Chichester, West Sussex, UK : , : John Wiley & Sons in association with the Society of Ders and Colorists, , 2016
ISBN	9781118725658 (eBook)
Descrizione fisica	1 online resource (1307 p.)
Collana	SDC-Society of Dyers and Colourists
Disciplina	667/.2
Soggetti	Dyes and dyeing - Textile fibers Color in the textile industries
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Title Page; Table of Contents; Society of Dyers and Colourists; Preface; Units and Symbols; Terms and Definitions; Commercial Names; References; 1 Fundamental Aspects of Textile Fibres; 1.1 Textiles; 1.2 Textile Fibres; 1.3 General Physical and Mechanical Characteristics of Textile Fibres; 1.4 Properties of Textile Fibres; References; 2 Dyes; Introduction; 2.1 Dyes; References; 3 The Role of Water in Aqueous Dyeing; Introduction; 3.1 Water Structure; 3.2 Water Availability and Global Consumption; 3.3 Water Use in Dyeing; 3.4 Water and Textile Fibres; 3.5 Water and Dyes; 3.6 pH and pK References 4 Fundamentals of Dyeing; Introduction; 4.1 Dye-Fibre Systems; 4.2 Fundamental Principles of Dyeing; References; 5 Dye-Fibre Interactions; Introduction; 5.1 Intermolecular Interactions (or Forces) between Atoms and Molecules; 5.2 Intermolecular Interactions (or Forces) between Macromolecules and Surfaces; 5.3 Intermolecular Forces in the Context of Textile Fibres and Dyes; 5.4 Solubility Parameter; 5.5 Fibre Modification to Enhance Dye-Fibre Substantivity; References; 6 Dyeing Theory; Introduction; 6.1 Background; 6.2 Dyeing Systems at Equilibrium (the Thermodynamics of Dyeing) 6.3 Kinetics of Dyeing References; 7 Cellulosic Fibres; Introduction; 7.1 Cotton; 7.2 Viscose Fibres; 7.3 Lyocell Fibres; 7.4 CA and CTA Fibres; 7.5 Cellulose Chemistry and Molecular Structure; 7.6 Cellulosic Fibre Fine Structure; 7.7 Hydroxyl Groups in Cellulosic Fibres; 7.8

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