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Nota di contenuto	Cover; Conservation of Furniture; Copyright; Contents; Series editors' preface; Contributors; Acknowledgements; Illustration acknowledgements; Part 1 History; 1 Furniture history; 1.1 Introduction; 1.2 Earliest times to the Middle Ages; 1.2.1 Egypt; 1.2.2 Greece; 1.2.3 Rome; 1.2.4 Byzantium and the Romanesque period; 1.3 Medieval; Background; Functional types; Design and construction; Materials used; Tools and techniques; Surface decoration and finish; Organization of the trade; 1.4 Renaissance to Industrial Revolution; 1.4.1 1500-1600; Background; Functional types; Design and construction; Materials used; Tools and techniques; Surface decoration and finish; Organization of the trade; 1.4.2 1600-1700; Background; Functional types; Design and construction; Materials used; Trade practice, tools and techniques; Surface decoration and finish; 1.4.3 1700-1800; Background; Functional types; Design and construction; Materials used; Tools and techniques of conversion and construction; Surface decoration and finish; Organization of trades; 1.5 The nineteenth century; Background; Functional types; Style and type of construction; Materials used; Tools and techniques; Surface decoration and finish; Organization of trades and

manufacturing; 1.6 The twentieth century; Context; Materials used; Tools and techniques of conversion and construction; Surface decoration and finish; Organization of trades and manufacturing; 1.7 Conclusion; Bibliography; Part 2 Materials; 2 Wood and wooden structures; 2.1 Introduction to wood as material; 2.2 The nature of wood: appearance, cellular structure and identification; 2.2.1 Gross features; Grain; Texture; Figure; Colour; Taxonomy - the classification of plants; 2.2.2 Wood anatomy: softwoods; 2.2.3 Cell structure: hardwoods; 2.2.4 Wood identification; 2.2.5 Hand-lens examination; 2.2.6 Microscopic examination; 2.2.7 Other methods; 2.3 Chemical nature of wood; 2.3.1 Chemical constituents of wood; 2.3.2 The cellulose structure within cell walls; 2.4 Wood-water relations and movement; 2.4.1 Hygroscopicity; 2.4.2 Measuring moisture content of wood; 2.4.3 Dimensional change; 2.4.4 Estimating dimensional change; 2.5 Mechanical properties; 2.5.1 Defining mechanical properties; 2.5.2 Relative strength properties; 2.5.3 Factors affecting the strength of wood; 2.5.4 Role of wood strength in furniture; 2.6 Manufactured timber products; 2.6.1 Veneers; 2.6.2 Plywood and related materials; 2.6.3 Reconstituted wood products; 2.7 Wooden structures; 2.7.1 Types of joints; 2.7.2 Critical success factors for joints; 2.7.3 Dovetail joints; 2.7.4 Mortise and tenon joints; 2.7.5 Other joint types; Bibliography; 3 Upholstery materials and structures; 3.1 Introduction to upholstery; 3.1.1 Classification and terminology; 3.1.2 Historical development; 3.1.3 Technical examination; 3.2 Top surface/simple structures; 3.2.1 Leather/skin/parchment; Skin; Leather; Structure processing and properties; Methods of working and uses of leather

Sommario/riassunto

This book is a comprehensive resource covering the principles and practice of the conservation and restoration of furniture, and other decorative art objects made wholly or partly of wood. It integrates theory with practice to show the principles which govern interaction between wooden objects, the environmental and conservation treatments and the factors which need to be taken into account to arrive at acceptable solutions to conservation problems.