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Altri autori (Persone)	KettunenP. O <1932-> (Pentti O.)
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Nota di contenuto	Advances in Materials Science of Wood; Introduction; Preface; Table of Contents; Background to the Topics Concerned in the Present Papers; Significance, Analysis and Potential of Utilization of Extractives from Wood: Different Aspects and Examples; Synchrotron Radiation X-Ray Scattering Techniques for Studying the Micro- and Nanostructure of Wood and their Relation to the Mechanical Properties; Changes in Nanostructure of Wood Cell Wall during Deformation; Monotonic Strength Properties of Siberian Yellow Pine; Chemical Characterization and Comparison of Thermally Treated Beech and Ash Wood Softwood Degradation after Being Several Thousand Years in Shore Front MudClosing Words; Keywords Index; Authors Index
Sommario/riassunto	Wood, which always looks quite solid to the naked eye, actually possesses a very intricate and exquisite structure; developed by Nature primarily to fulfil the requirements of a growing tree. How well the structure satisfies the needs of a construction material as used by humans is quite another matter - so to speak. Besides being an important constructional material, wood is today also an important source of precursors for the medical and chemical compounds used by human beings. These, and many other aspects of wood, are topics which materials science attempts to elucidate. When wood is used