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Autore	International summer school on neural networks : <1997
Titolo	Adaptive processing of sequences and data structures : tutorial lectures : international summer school on neural networks "E. R. Caianiello" Vietri sul Mare, Salerno, Italy september 6-13, 1997 / C. Lee Giles, Marco Gori editors
Pubbl/distr/stampa	Berlin [etc.] : Springer, ©1998
ISBN	3-540-64341-9
Descrizione fisica	434 p. : ill. ; 25 cm
Collana	Lecture notes in computer science , Subseries lecture notes in artificial intelligence ; 1387
Disciplina	006.32
Locazione	DINEL
Collocazione	10 C 195
Lingua di pubblicazione	Inglese
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2. Record Nr.	UNINA9910786214803321
Titolo	Advances in materials science of wood : special topic volume with invited papers only / / edited by Pentti O. Kettunen
Pubbl/distr/stampa	Stafa-Zurich, Switzerland ; ; Enfield, New Hampshire : , : Trans Tech Publications, , [2009] ©2009
ISBN	3-03813-260-8
Descrizione fisica	1 online resource (184 p.)
Collana	Materials science forum, , 0255-5476 ; ; volume 599
Altri autori (Persone)	KettunenP. O <1932-> (Pentti O.)
Disciplina	620.1/2
Soggetti	Wood - Mechanical properties Deformations (Mechanics) Polymeric composites - Mechanical properties
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Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
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 Mud Closing 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

