

1. Record Nr.	UNINA9910437761803321
Autore	Csandy Etele
Titolo	Mechanics of wood machining / / Etele Csandy, Endre Magoss
Pubbl/distr/stampa	Berlin ; ; New York, : Springer, 2012
ISBN	1-283-62735-3 9786613939807 3-642-29955-5
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (207 p.)
Altri autori (Persone)	MagossEndre
Disciplina	674
Soggetti	Woodwork Carpentry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Mechanics of the cutting process -- Thermal loading in cutting tools -- Operating parameters of wood cutting tools -- The energy requirement of cutting -- Vibration of the tools and workpieces -- The stability of wood working tools -- Tool wear -- Surface roughness.
Sommario/riassunto	Wood is one of the most valuable materials for mankind, and since our earliest days wood materials have been widely used. Today we have modern woodworking machine and tools; however, the raw wood materials available are continuously declining. Therefore we are forced to use this precious material more economically, reducing waste wherever possible. This new textbook on the "Mechanics of Wood Machining" combines the quantitative, mathematical analysis of the mechanisms of wood processing with practical recommendations and solutions. Bringing together materials from many sources, the book contains new theoretical and experimental approaches and offers a clear and systematic overview of the theory of wood cutting, thermal loading in wood-cutting tools, dynamic behaviour of tool and work piece, optimum choice of operational parameters and energy consumption, the wear process of the tools, and the general regularities of wood surface roughness. Diagrams are provided for the quick estimation of various process parameters. This book will be useful for scientists, graduate and postgraduate students, and

practising engineers seeking a deeper understanding of physical phenomena associated with real woodworking processes.

2. Record Nr.	UNISANNIOAQ10013070
Autore	Siemens
Titolo	Machine learning : from theory to applications : cooperative research at Siemens and MIT / S. J. Hanson, W. Remmele, R. L. Rivest (eds.)
Pubbl/distr/stampa	Berlin [etc.] , : Springer, c1993
ISBN	0387564837 3540564837
Descrizione fisica	VIII, 271 p. ; 24 cm
Collana	Lecture notes in computer science / edited by G. Goos and J. Hartmanis ; 661
Disciplina	006.31
Soggetti	Intelligenza artificiale
Collocazione	COLL. ING. LNCS
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia