

1. Record Nr.	UNINA9910208834003321
Titolo	Guide to load analysis for durability in vehicle engineering [[electronic resource] /] / editors, P. Johannesson, M. Speckert ; [contributors, Klaus Dressler ... [et al.]]
Pubbl/distr/stampa	Chichester, West Sussex, : John Wiley & Sons Inc., 2014
ISBN	1-118-70051-1 1-118-70049-X 1-118-70050-3
Edizione	[1st ed.]
Descrizione fisica	xx, 434 p. : ill. (some col.)
Collana	Automotive series ; ; 1
Classificazione	TEC009090
Altri autori (Persone)	JohannessonPar SpeckertMichael DresslerKlaus
Disciplina	629.2/31
Soggetti	Trucks - Dynamics Finite element method Trucks - Design and construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. I. Overview -- pt. II. Methods for load analysis -- pt. III. Load analysis in view of the vehicle design process.
Sommario/riassunto	"Covers the use of established computational methods, such as finite element method (FEM) and multi body simulation (MBS), and their appropriate use within load analysis for durability"--

2. Record Nr.	UNINA9910780918003321
Titolo	Pulp and paper chemistry and technology . Volume 2 Pulping chemistry and technology [[electronic resource] /] / edited by Monica Ek, Goran Gellerstedt, Gunnar Henriksson
Pubbl/distr/stampa	Berlin, : De Gruyter, c2009
ISBN	1-5231-1652-8 1-282-45692-X 9786612456923 3-11-021342-7
Descrizione fisica	1 online resource (484 p.)
Collana	Pulp and Paper Chemistry and Technology ; ; Volume 2
Classificazione	VN 5500
Altri autori (Persone)	EkMonica GellerstedtGoran HenrikssonGunnar
Disciplina	676
Soggetti	Pulping - Chemistry Wood-pulp Papermaking - Chemistry
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	Frontmatter -- Contents -- 1. Overview of Pulp and Paper Processes -- 2. Wood Handling -- 3. Mechanical Pulping Chemistry -- 4. Mechanical Pulping -- 5. Chemistry of Chemical Pulping -- 6. Pulping Technology -- 7. Kinetics of Chemical Pulping and Adaptation to Modified Processes -- 8. Pulp Washing -- 9. Chemistry of Bleaching of Chemical Pulp -- 10. Bleaching of Pulp -- 11. Production of Bleaching Chemicals at the Mill -- 12. Recovery of Cooking Chemicals: the Treatment and Burning of Black Liquor -- 13. The Recovery of Cooking Chemicals: the White Liquor Preparation Plant -- 14. Towards Increased Closure and Energy Efficiency -- 15. Paper Recycling -- 16. Pulp Characterisation -- Backmatter
Sommario/riassunto	This four volume set covers the entire spectrum of pulp and paper chemistry and technology from starting material to processes and products including market demands. This work is essential for all students of wood science and a useful reference for those working in

the pulp and paper industry or on the chemistry of renewable resources. Volume 2 focuses on creating an understanding of the chemical and technical processes involved in the production of pulp. The work treats wood handling, i.e. barking, chipping, storage and screening processes, chemistry and technology during mechanical and chemical pulp production, including pulping and bleaching chemistry and technology, production of bleaching chemicals at the mill, recovery processes, including the treatment and burning of black liquor and the white liquor preparation plant, paper recycling processes, changes in structure and properties of wood polymers and pulps in the pulping process line, description of the equipment and processes involved in the manufacturing of pulp, pulp characterization, including methods available to evaluate pulp properties, end-product requirements.

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