Record Nr. UNINA9910465551203321 Autore Berglund Lars **Titolo** Mechanics of paper products [[electronic resource] /] / edited by Kaarlo Niskanen Berlin; ; Boston, : Walter de Gruyter GmbH, 2012 Pubbl/distr/stampa **ISBN** 3-11-025463-8 Descrizione fisica 1 online resource (272 p.) Collana De Gruyter Textbook Classificazione ZS 5620 Altri autori (Persone) NiskanenKaarlo Disciplina 676/.28 Soggetti Paper - Mechanical properties Paper products Electronic books. 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 pt. 1. Structural strength -- pt. 2. Dynamic stability -- pt. 3. Reactions to moisture and water -- pt. 4. Material properties. Sommario/riassunto This graduate level textbook focuses on the mechanical properties and performance of products made of fiber-based materials such as paper and board. The book aims to help students develop effective skills for solving problems of product performance and engineering challenges in new product development. Therefore the material is organized with a

problem-based approach - a practical example of product performance is presented and then the relevant mechanics are analyzed to deduce

which material properties control the performance.