1. Record Nr. UNISA996396779203316

Autore	Shower John <1657-1715.>
Titolo	Serious reflections on time and eternity [[electronic resource]] : with some other subjects, moral and divine : to which is prefix'd an introduction concerning the first day of the year, how observed by the Jews, and may best be employed by a serious Christian / / by John Shower
Pubbl/distr/stampa	London, : Printed for Joseph Watts ..., 1689
Edizione	[The second edition corrected, and very much enlarged.]
Descrizione fisica	[24], 250, [2] p
Soggetti	Meditations Spiritual life Time - Religious aspects - Christianity
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Pages 142, 143 and 191 misnumbered as 144, 145 and 189 respectively. Includes publisher's list: p. [1]-[2] at end. Reproduction of original in the Huntington Library.
Sommario/riassunto	eebo-0113

2. Record Nr. UNINA9910299914103321

Autore	Kobelev Vladimir
Titolo	Durability of Springs / / by Vladimir Kobelev
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-58478-2
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (291 pages)
Disciplina	621.824
Soggetti	Automotive engineering Materials - Analysis Mechanics, Applied Solids Automobile industry and trade Automotive Engineering Characterization and Analytical Technique Solid Mechanics Automotive Industry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Principles of Spring Design -- Stress Distribution over Cross-Section of Wire -- "Equivalent Column" Model for Helical Springs -- Coiling Process for Helical Springs -- Disk Springs -- Creep and Relaxation of Springs -- Generalization of Creep Laws for Spring Materials -- Fatigue of Spring Materials -- Failure Probabilty of Helical Spring -- Thin-Walled Rods with Semi-Opened Profiles -- Semi-Opened Profiles for Twist-Beam Automotive Axles -- Appendices.
Sommario/riassunto	This book offers an advanced treatise of the mechanics of springs with focus on the springs for automotive industry. It demonstrates new and original results for the optimization of helical springs as well the design of disk springs and thin-walled springs and presents the new results for creep and relaxation of springs made of steel under high static loads. The fatigue of springs and weak link concept for cyclically loaded springs are enlightened. The closed form solutions of advanced

problems allow the deeper understanding of spring mechanics and optimization of energy harvesters.