

1. Record Nr.	UNINA9910423654003321
Autore	Arafa Hani Ali
Titolo	Design for durability and performance density / / Hani Ali Arafa
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2020] ©2020
ISBN	3-030-56816-4
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XVII, 229 p. 131 illus.)
Disciplina	620.0042
Soggetti	Engineering design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introductory Definitions -- Managing Reactive Loads -- Mutually Counteractive Loads at High Speed -- Subtle and Obscure Loading Sources -- Interface Sliding, Loading, and Wear -- Elastic Deformation and Microslip Issues -- Assembly Over Mobile Interfaces -- Proper Allocation of Functions -- Gearing Design for High Power Density -- High Power/Torque-Density Devices -- Hydraulic Power Density -- Megawatt-scale Fluid Power -- Energy Retrieval, Storage, and Release -- Multi-Attribute Designs.
Sommario/riassunto	This book is about mechanical design engineering, in particular design for mechanical system durability and performance density. It explains mechanical design issues in application areas such as multi-megawatt fluid power transmission, and provides potential solutions. Design for Durability and Performance Density includes five real-world case studies which help to identify the root cause of problems and failure cases encountered in industry and in the oil field. It suggests remedies for the ones that could be solved, and includes sample calculations and worked examples to quantify the extent of problems where necessary. This book will be of use to mechanical engineering students, as well as design and application engineers helping them to learn how things could be designed the wrong way, and how old experience could prevent novice mistakes, to avoid being tempted into any of the various subtle design pitfalls and confronting their consequences. .

2. Record Nr.	UNINA9910699077203321
Titolo	Federal Transit Administration [[electronic resource]] : progress and challenges in implementing and evaluating the Job Access and Reverse Commute Program : report to congressional committees
Pubbl/distr/stampa	[Washington, D.C.] : , : U.S. Govt. Accountability Office, , [2009]
Descrizione fisica	1 online resource (ii, 52 pages) : illustrations
Soggetti	Occupational mobility - United States - Finance Federal aid to transportation - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (GAO, viewed July 27, 2009). "May 2009." "GAO-09-496."
Nota di bibliografia	Includes bibliographical references.

3. Record Nr.	UNINA9910147134003321
Titolo	Pediatrics / / American Academy of Pediatrics
Pubbl/distr/stampa	Elk Grove Village, IL, : American Academy of Pediatrics
ISSN	1098-4275
Disciplina	618
Soggetti	Pediatrics Pediatrie Pediatric Medicine Kindergeneeskunde Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed
Sommario/riassunto	Focuses on pediatrics and research related to pediatrics within the fields of nutrition, surgery, dentistry, public health, child health services, human genetics, animal studies, psychology, psychiatry, education, sociology, and nursing.