1. Record Nr. UNINA9910708467803321

Titolo	Eritrea : a neglected regional threat : hearing before the Subcommittee on Africa, Global Health, Global Human Rights, and International Organizations of the Committee on Foreign Affairs, House of Representatives, One Hundred Fourteenth Congress, second session, September 14, 2016
Pubbl/distr/stampa	Washington : , : U.S. Government Publishing Office, , 2016
Descrizione fisica	1 online resource (iii, 79 pages)
Soggetti	Democracy - Eritrea Human rights - Eritrea Economic assistance, American - Eritrea Legislative hearings. Eritrea Politics and government
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Paper version available for sale by the Superintendent of Documents, U. S. Government Publishing Office. "Serial No. 114-237."
Nota di bibliografia	Includes bibliographical references.

2. Record Nr. UNIORUON00084335

Autore	FERRARIO, Benigno
Titolo	L'accento in Somalo. Luogo, influenza, movimento, enclitiche e proclitiche / Benigno Ferrario
Pubbl/distr/stampa	P. 961-967 ; 25 cm
Edizione	[Roma : Casa Editr. Italiana]
Descrizione fisica	Estratto dalla Rivista degli Studi Orientali, volume VI
Disciplina	493.5
Soggetti	LINGUA SOMALA - Lessico
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

3. Record Nr. UNINA9910640383303321

Autore	Basaran Cemal
Titolo	Introduction to Unified Mechanics Theory with Applications / / by Cemal Basaran
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031186219 9783031186202
Edizione	[2nd ed. 2022.]
Descrizione fisica	1 online resource (531 pages)
Disciplina	531
Soggetti	Mechanics Mechanics, Applied Solids Thermodynamics Continuum mechanics Classical Mechanics Solid Mechanics Engineering Mechanics Continuum Mechanics
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Stress and Strain in Continuum -- Thermodynamics -- Unified Mechanics Theory -- Unified Mechanics of Thermo-Mechanical Analysis -- Unified Micromechanics of Particulate Composites -- Unified Micromechanics of Finite Deformations -- Unified Mechanics of Metals Under High Electrical Current Density: Electromigration and Thermomigration.
Sommario/riassunto	This second edition adds new sections on derivation of dynamic equilibrium equations in unified mechanics theory and solution of an example, derivation of very high cycle fatigue thermodynamic fundamental equation and application/verification with two metal fatigue examples, derivation of thermodynamic fundamental equations for metal corrosion, examples of corrosion – fatigue interaction. There is also an example of ultrasonic vibration fatigue and one traditional tension/compression loading in elastic regime. While updated and augmented throughout, the book retains its description of the mathematical formulation and proof of the unified mechanics theory (UMT), which is based on the unification of Newton’s laws and the laws of thermodynamics. It also presents formulations and experimental verifications of the theory for thermal, mechanical, electrical, corrosion, chemical and fatigue loads, and it discusses why the original universal laws of motion proposed by Isaac Newton in 1687 areincomplete. The author provides concrete examples, such as how Newton’s second law, F = ma, gives the initial acceleration of a soccer ball kicked by a player, but does not tell us how and when the ball would come to a stop. Over the course of the text, Dr. Basaran illustrates that Newtonian mechanics does not account for the thermodynamic changes happening in a system over its usable lifetime. And in this context, this book explains how to design a system to perform its intended functions safely over its usable life time and predicts the expected lifetime of the system without using empirical models, a process currently done using Newtonian mechanics and empirical degradation/failure/fatigue models which are curve-fit to test data. Written as a textbook suitable for upper-level undergraduate mechanics courses, as well as first year graduate level courses, this book is the result of over 25 years of scientific activity with the contribution of dozens of scientists from around the world. The Book Presents a mechanics theory without curve fitting polynomials and equilibrium equations without a damping coefficient. Simulates of corrosion without phenomenological models and physics-based prediction of fatigue life without test data. Explains interaction of corrosion and very high cycle fatigue from a thermodynamics perspective with lab verifications.