1. Record Nr. UNISALENTO991001409849707536

Autore	AMS-ASL Joint special session on Interactions between logic, group theory, and computer science <2003 ; Baltimore, Maryland>
Titolo	Groups, languages, algorithms : AMS-ASL Joint Special Session on Interactions between Logic, Group Theory, and Computer Science, January 16-19, 2003, Baltimore, Maryland / Alexandre V. Borovik, editor
Pubbl/distr/stampa	Providence, R. I. : American Mathematical Society, c2005
ISBN	0821836188
Descrizione fisica	viii, 348 p. : ill. ; 26 cm
Collana	Contemporary mathematics, 0271-4132 ; 378
Classificazione	AMS 20B40 AMS 20E05 AMS 20F28 LC QA174.A64
Altri autori (Persone)	Borovik, Alexandre
Disciplina	512.2
Soggetti	Group theory - Congresses Finite groups - Congresses Infinite groups - Congresses
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references

2.

Record Nr.	UNINA9910763591803321
Autore	Sahraee Shahab
Titolo	Tensor Calculus and Differential Geometry for Engineers : With Solved Exercises / / by Shahab Sahraee, Peter Wriggers
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-33953-3
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (684 pages)
Altri autori (Persone)	WriggersP
Disciplina	620.00151563
Soggetti	Mechanics, Applied Geometry Algebras, Linear Engineering Mechanics Linear Algebra
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Algebra of Vectors -- Algebra of Tensors -- Algebra of Higher-Order Tensors -- Eigenvalues, Eigenvectors and Spectral Decompositions of Tensors -- Representation of Tensorial Variables in Curvilinear Coordinates -- Differentiation of Tensor Functions and Representation Theorems -- Gradient and Related Operators -- Integral Theorems and Differential Forms -- Differential Geometry of Surfaces and Curves.
Sommario/riassunto	The book contains the basics of tensor algebra as well as a comprehensive description of tensor calculus, both in Cartesian and curvilinear coordinates. Some recent developments in representation theorems and differential forms are included. The last part of the book presents a detailed introduction to differential geometry of surfaces and curves which is based on tensor calculus. By solving numerous exercises, the reader is equipped to properly understand the theoretical background and derivations. Many solved problems are provided at the end of each chapter for in-depth learning. All derivations in this text are carried out line by line which will help the reader to understand the basic ideas. Each figure in the book includes descriptive text that corresponds with the theoretical derivations to facilitate rapid learning.