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Autore	Cooper Ellis D
Titolo	Mathematical mechanics [[electronic resource] ] : from particle to muscle // by Ellis D. Cooper
Pubbl/distr/stampa	Singapore ; ; Hackensack, N. J., : World Scientific, c2011
ISBN	1-283-23461-0 9786613234612 981-4289-71-X
Descrizione fisica	1 online resource (390 p.)
Collana	World Scientific series on nonlinear science. Series A, Monographs and treatises ; ; v. 77
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Soggetti	Mechanics, Analytic Dynamics of a particle - Mathematical models Muscle contraction - Mathematical models Mathematical physics 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	Contents; Acknowledgments; Introduction; 1. Introduction; 1.1 Why Would I Have Valued This Book in High School?; 1.2 Who Else Would Value This Book?; 1.3 Physics & Biology; 1.4 Motivation; 1.5 The Principle of Least Thought .; 1.6 Measurement; 1.7 Conceptual Blending; 1.8 Mental Model of Muscle Contraction; 1.9 Organization; 1.10 What is Missing?; 1.11 What is Original?; Mathematics; 2. Ground & Foundation of Mathematics; 2.1 Introduction; 2.2 Ground: Discourse & Surface; 2.2.1 Symbol & Expression; 2.2.2 Substitution & Rearrangement; 2.2.3 Diagrams Rule by Diagram Rules; 2.2.4 Dot & Arrow 2.3 Foundation: Category & Functor 2.3.1 Category; 2.3.2 Functor; 2.3.3 Isomorphism; 2.4 Examples of Categories & Functors; 2.4.1 Finite Set; 2.4.2 Set; 2.4.3 Exponentiation of Sets; 2.4.4 Pointed Set; 2.4.5 Directed Graph; 2.4.6 Dynamic System; 2.4.7 Initialized Dynamic System; 2.4.8 Magma; 2.4.9 Semigroup; 2.4.10 Monoid; 2.4.11 Group; 2.4.12 Commutative Group; 2.4.13 Ring; 2.4.14 Field; 2.4.15 Vector

Space over a Field; 2.4.16 Ordered Field; 2.4.17 Topology; 2.5  
 Constructions; 2.5.1 Magma Constructed from a Set; 2.5.2 Category  
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 2.5.3 Category Constructed from a Topological Space  
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 Physical Variable; 3.3 Right, Left & Two-Sided Limit; 3.4 Continuity; 3.5  
 Differentiable, Derivative & Differential; 3.5.1 Partial Derivative; 3.6  
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 3.8.7 Exponential Rule  
 3.8.8 Change-of-Variable Rule  
 3.8.9 Increment Rule; 3.8.10 Quotient  
 Rule; 3.8.11 Intermediate Value Rule; 3.8.12 Mean Value Rule; 3.8.13  
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 4.3.7 Column List Algebra & Natural Transformation  
 4.3.8 Lists of Lists;  
 4.3.8.1 Rows of Columns and Columns of Rows; 4.3.8.2 Flattening of  
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 4.4.4 Outer Product of Two Lists is a Table; 4.5 Vector Algebra; 4.5.1  
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 4.5.8 The Vector Space of Matrices

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Sommario/riassunto

This unprecedented book offers all the details of the mathematical mechanics underlying modern modeling of skeletal muscle contraction. The aim is to provide an integrated vision of mathematics, physics, chemistry and biology for this one understanding. T

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2. Record Nr.	UNINA9910797249503321
Autore	Kogel Eduard
Titolo	Grand documentation : Ernst Boerschmann and Chinese Religious Architecture (1906-1931) // Eduard Kogel
Pubbl/distr/stampa	Berlin, [Germany] ; ; Boston, Massachusetts : , : Walter de Gruyter, , 2015 ©2015
ISBN	3-11-040139-8 3-11-040134-7
Descrizione fisica	1 online resource (592 p.)
Altri autori (Persone)	BoerschmannErnst <1873-1949.>
Disciplina	726.0951
Soggetti	Architecture - China
Lingua di pubblicazione	Tedesco
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	Frontmatter -- Table of Contents -- Plates -- Introduction -- Preparation and research concept -- Field trips in China (1906–1909) -- Boerschmann’s research results (1909–1931) -- Conclusion: Documenting a vanishing culture -- Addendum -- Literature -- Chinese Dynasties and Emperors -- Index -- Photocredits
Sommario/riassunto	<p>Ernst Boerschmann war in der ersten Hälfte des zwanzigsten Jahrhunderts der wichtigste ausländische Architekturforscher in China. Dieses Buch befasst sich mit seiner dreijährigen Forschungsreise (1906–1909) durch das chinesische Kaiserreich. Als erster dokumentierte er systematisch die religiöse Architektur in China und brachte von seinen Reisen viele tausend Photographien, Skizzen und Bauaufnahmen mit. Seine sechs großformatigen Publikationen bis 1931, die in diesem Buch mitsamt den Kritiken dargestellt werden, waren Meilensteine auf dem Weg zu einer chinesischen Architekturgeschichte, lange bevor sich chinesische Kollegen (ab 1930) mit diesem Thema befassten.</p> <p>Ernst Boerschmann was the most influential foreign architectural researcher in China in the first half of the twentieth century. This book concerns his three-year research expedition through the Chinese Empire (1906–1909). He was the first Westerner to systematically document China's religious architecture, returning from his travels with</p>

thousands of photographs, sketches, and architectural surveys. His six major publications leading up to 1931, described here alongside the reactions they caused, were milestones on the path to formal study of Chinese architectural history, long before Chinese academics themselves began to take interest in the subject in the 1930s.

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