

1. Record Nr.	UNINA9910594563203321
Autore	Russell, Bertrand <1872-1970>
Titolo	Essais sceptiques / Bertrand Russell ; traduit de l'anglais par André Bernard
Pubbl/distr/stampa	Paris, : Rieder, 1933
Edizione	[5. ed.]
Descrizione fisica	354 p. ; 19 cm
Collana	Europe
Localione	FLFBC
Collocazione	5/IX I 45
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNINA9910298457403321
Autore	Martin R. Bruce
Titolo	Skeletal Tissue Mechanics // by R. Bruce Martin, David B. Burr, Neil A. Sharkey, David P. Fyhrie
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2015
ISBN	1-4939-3002-8
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Descrizione fisica	1 online resource (XV, 501 p. 194 illus., 33 illus. in color.)
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"With 194 illustrations."

Nota di bibliografia

Includes bibliographical references and index.

Nota di contenuto

Dedication -- Preface -- Functional Musculoskeletal Anatomy -- Skeletal Biology -- Growth, Modeling and Remodeling of Bone -- Mechanical Properties of Ligament and Tendon -- Synovial Joint Mechanics -- Mechanical Adaptability of the Skeleton -- Mechanical Properties of Bone -- Fatigue and Fracture Resistance of Bone.

Sommario/riassunto

This textbook describes the biomechanics of bone, cartilage, tendons and ligaments. It is rigorous in its approach to the mechanical properties of the skeleton yet it does not neglect the biological properties of skeletal tissue or require mathematics beyond calculus. Time is taken to introduce basic mechanical and biological concepts, and the approaches used for some of the engineering analyses are purposefully limited. The book is an effective bridge between engineering, veterinary, biological and medical disciplines and will be welcomed by students and researchers in biomechanics, orthopedics, physical anthropology, zoology, and veterinary science. This book also: Maximizes reader insights into the mechanical properties of bone, fatigue and fracture resistance of bone, and mechanical adaptability of the skeleton Illustrates synovial joint mechanics and mechanical properties of ligaments and tendons in an easy-to-understand way Provides exercises at the end of each chapter.