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Autore	Bertram John Edward Arthur <1954->
Titolo	Understanding mammalian locomotion : concepts and applications / / John E. A. Bertram
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ISBN	1-119-11373-3 1-119-11372-5
Descrizione fisica	1 online resource (550 p.)
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Soggetti	Animal locomotion Mammals - Physiology Locomotion - Regulation - Physiological aspects
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Machine generated contents note: List of Contributors Preface 1. Concepts through time: Historical perspectives on mammalian locomotion John E. A. Bertram 2. Considering gaits: Descriptive approaches John E. A. Bertram 3. Muscles as actuators Anne K. Gutmann, John E. A. Bertram 4. Concepts in locomotion: Levers, struts, pendula and springs John E. A. Bertram 5. Concepts in locomotion: Wheels, spokes, collisions and insight from the center of mass John E. A. Bertram 6. Reductionist models of walking and running Part 1: Bipedal locomotion and the "Ultimate cost of legged locomotion" Part 2: Quadrupedal locomotion James R. Usherwood 7. Whole body mechanics: how leg compliance shapes the way we move A. Seyfarth, H. Geyer, S. Lipfert, J. Rummel, Y. Blum, M. Maus and D. Maykranz 8. The most important feature of an organism's biology: Dimension, similarity and scale John E. A. Bertram 9. Accounting for the influence of animal size on biomechanical variables: concepts and considerations Sharon Bullimore 10. Locomotion in Small Tetrapods: Size-Based Limitations to "Universal Rules" in Locomotion Audrone Biknevičius, Stephen M. Reilly and Elvidin Kljuno 11. Non-steady locomotion Monica A. Daley 12. The evolution of terrestrial locomotion in bats: the bad, the ugly, and the

good Daniel K. Riskin, John E. A. Bertram, John W. Hermanson 13. The Fight or Flight Dichotomy: Functional Tradeoff in Specialization for Aggression Versus Locomotion David R. Carrier 14. Design for prodigious size without extreme body mass: Dwarf elephants, differential scaling and implications for functional adaptation John E. A. Bertram 15. Basic mechanisms of bipedal locomotion: head-supported loads and strategies to reduce the cost of walking James R. Usherwood and John E.A. Bertram 16. Would a horse on the moon gallop? Directions available in locomotion research (and how not to spend too much time exploring blind alleys) John E. A. Bertram Index .

Sommario/riassunto

"Understanding Mammalian Locomotion will formally introduce the emerging perspective of collision dynamics in mammalian terrestrial locomotion and explain how it influences the interpretation of form and functional capabilities. The objective is to bring the reader interested in the function and mechanics of mammalian terrestrial locomotion to a sophisticated conceptual understanding of the relevant mechanics and the current debate ongoing in the field"--

"This book will formally introduce the immerging perspective of collision dynamics in mammalian terrestrial locomotion and explain how it influences the interpretation of form and functional capabilities"

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2. Record Nr.	UNINA9910887909603321
Autore	D'Agostino Anacleto
Titolo	Sacred Landscapes of Hittites and Luwians : Proceedings of the International Conference Florence, February 6th-8th 2014 in Honour of Franca Pecchioli Daddi
Pubbl/distr/stampa	Florence, : Firenze University Press, 2015
Descrizione fisica	1 electronic resource (170 p.)
Collana	Studia Asiana
Soggetti	History of art / art & design styles History: earliest times to present day Archaeology Archaeological theory Archaeology by period / region Archaeological science, methodology & techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book contains studies on the symbolic significance of the landscape for the communities inhabiting the central Anatolian plateau and the Upper Euphrates and Tigris valleys in the 2nd-1st millennia BC. Some of the scholars who attended to the international conference Sacred Landscapes of Hittites and Luwians held in Florence in February 2014, present here contributions on the religious, symbolic and social landscapes of Anatolia between the Late Bronze Age and Iron Age. Archaeologists, hittitologists and historians highlight how the ancient populations perceived many elements of the environment, like mountains, rivers and rocks, but also atmospheric agents, and natural phenomena as essential part of their religious and ideological world. Analysing landscapes, architectures and topographies built by the Anatolian communities in the second and first millennia BC, the framework of a symbolic construction intended for specific actions and practices clearly emerges.

