1. Record Nr. UNINA9910830141203321

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Titolo	Biodynamics : why the wirewalker doesn't fall / / Bruce J. West, Lori A. Griffin [[electronic resource]]
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Liss, c2004
ISBN	1-280-55658-7 9786610556588 0-471-47604-8 0-471-47603-X
Descrizione fisica	1 online resource (x, 456 p.) : ill. ;
Altri autori (Persone)	GriffinLori
Disciplina	571.4
Soggetti	Biophysics Dynamics Biomechanics Biomechanical Phenomena Physics Biological Science Disciplines Natural Science Disciplines Disciplines and Occupations Biology Health & Biological Sciences Computer network resources.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. 433-438) and index.
Sommario/riassunto	You can never step in the same river twice, goes the old adage of philosophy. An observation on the transitory nature of fluids in motion, this saying also describes the endless variations researchers face when studying human movement. Understanding these biodynamics why the wirewalker doesnt fall requires a grasp of the constant fluctuations and fine tunings which maintain balance in the complex, fluid system of human locomotion. Taking a comprehensive approach to the

phenomenon of locomotion, Biodynamics: Why the Wirewalker Doesnt Fall integrates physical laws and principles with concepts of fractals, chaos, and randomness.; In so doing, it formulates a description of both the large-scale, smooth aspects of locomotion and the more minute, randomized mechanisms of this physiological process. Ideal for beginners in this subject, Biodynamics provides an elegant explanation without assuming the readers understanding of complex physical principles or mathematical equations.