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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 Doesn't 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 reader's understanding of complex physical principles or mathematical equations.
