

1. Record Nr.	UNINA9910139433603321
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Titolo	Biomechanics and motor control of human movement // David A. Winter
Pubbl/distr/stampa	Hoboken, New Jersey : , : John Wiley & SOns, , [2009] ©2009
ISBN	0-470-54914-9
Descrizione fisica	online resource (370 pages)
Disciplina	612.7/6
Soggetti	Human mechanics Motor ability Kinesiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Biomechanics as an interdiscipline -- Signal processing -- Kinematics -- Anthropometry -- Kinetics : forces and moments of force -- Mechanical work, energy, and power -- Three-dimensional kinematics and kinetics -- Synthesis of human movement : forward solutions -- Muscle mechanics -- Kinesiological electromyography -- Biomechanical movement synergies.