## HB510

Biomechanics of Sport and Exercise



Bartlett R, Introduction to Sports Biomechanics: Analysing Human Movement Patterns (Third edition, Routledge 2014)

Bartlett, R. M., Introduction to Sports Biomechanics: Analysing Human Movement Patterns (2nd ed, Routledge 2007)

Bartlett, Roger and Dawsonera, Introduction to Sports Biomechanics: Analysing Human Movement Patterns (2nd ed, Routledge 2007)

<https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://idp.brighton.ac.u k/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/AbstractVi ew/S9780203462027>

Blazevich A, Sports Biomechanics: The Basics : Optimising Human Performance (3rd edition, Bloomsbury 2017)

<https://ezproxy.brighton.ac.uk/login?url=http://ebookcentral.proquest.com/lib/ubrighton/d etail.action?docID=4812145>

Enoka RM, Neuromechanics of Human Movement (Fifth edition, Human Kinetics 2015)

Hall SJ, Basic Biomechanics (7th edition, McGraw-Hill 2014)

Hamill J, Knutzen K and Derrick TR, Biomechanical Basis of Human Movement (Fifth edition, Lippincott Williams & Wilkins 2021)

Hamilton N, Weimar W and Luttgens K, Kinesiology: Scientific Basis of Human Motion (12th ed, McGraw-Hill Higher Education 2011)

Hay, James G., The Biomechanics of Sports Techniques (4th ed, Prentice-Hall 1993)

Hay, James G., Reid, J. Gavin, and Hay, James G., Anatomy, Mechanics and Human Motion (2nd ed, Prentice Hall 1988)

Hughes M and Franks IM (eds), Essentials of Performance Analysis in Sport (Second edition, Routledge 2015) <a href="https://ezproxy.brighton.ac.uk/login?url=https://ebookcentral.proquest.com/lib/ubrighton/detail.action?docID=2046496>">https://ebookcentral.proquest.com/lib/ubrighton/detail.action?docID=2046496></a>

Hughes M and Franks IM (eds), Essentials of Performance Analysis in Sport (Second edition, Routledge 2015)

Kreighbaum, Ellen and Barthels, Katharine M., Biomechanics: A Qualitative Approach for

Studying Human Movement (4th ed, Allyn and Bacon 1996)

Lees A and Robinson M, 'Chapter 11: Qualitative Biomechanical Analysis of Technique' in Mike Hughes and Ian M Franks (eds), Essentials of performance analysis in sport (Second edition, Routledge 2015)

<https://staff.brighton.ac.uk/is/learningandteaching/DigRes/DigitalReserve/HB510\_lees\_a\_q ualitative\_biomechanical.pdf>

——, 'Chapter 11: Qualitative Biomechanical Analysis of Technique' in Mike Hughes and Ian M Franks (eds), Essentials of performance analysis in sport (Second edition, Routledge 2015)

<https://staff.brighton.ac.uk/is/learningandteaching/DigRes/DigitalReserve/HB511\_lees\_a\_q ualitative\_biomechanical.pdf>

McGinnis, Peter Merton, Biomechanics of Sport and Exercise

Nigg, Benno M., Biomechanics of Running Shoes (Human Kinetics Publishers 1986)

Nigg, Benno Maurus and Herzog, W., Biomechanics of the Musculo-Skeletal System (3rd ed, John Wiley & Sons 2007)

Nordin, Margareta and Frankel, Victor H., Basic Biomechanics of the Musculoskeletal System (4th ed, Wolters Kluwer/Lippincott Williams & Wilkins Health 2012)

Payton, Carl, Bartlett, R. M, and British Association of Sport and Exercise Sciences, Biomechanical Evaluation of Movement in Sport and Exercise: The British Association of Sport and Exercise Sciences Guidelines, vol BASES sport and exercise science (Routledge 2008)

Starkey, Chad and Ryan, Jeffrey L., Evaluation of Orthopedic and Athletic Injuries (2nd ed, FA Davis Co 2002)

Whiting, William Charles and Rugg, Stuart, Dynatomy: Dynamic Human Anatomy (Human Kinetics 2006)

Whiting, William Charles and Zernicke, Ronald F., Biomechanics of Musculoskeletal Injury (2nd ed, Human Kinetics 2008)