10 Literatura

Abend, W., Bizzi, E., & Morasso, P. (1982). Human arm trajectory formation. *Brain, 105(2)*, 331-348.

Atkeson, C. G. (1989). Learning arm kinematics and dynamics. *Annual Review of Neuroscience, 12*, 157-183.

Atkeson, C. G., & Hollerbach, J. M. (1985). Kinematic features of unrestrained vertical arm movements. *Journal of Neuroscience, 5(9)*, 2318-2330.

Bauer, W. L. (1980). Mathematical modelling and optimization and their influence on sports movements: possibilities and limitations. In W. Baumann (Ed.), *Biomechanics and Performance in Sports* (pp. 105-111). Schorndorf: Verlag Karl Hofmann.

Beelen, A., Sargeant, A. J., Jones, D. A., & de Ruiter, C. J. (1995). Fatigue and recovery of voluntary and electrically elicited dynamic force in humans. *Journal of Physiology, 484(1)*, 227-335.

Blahuš, P. (1996). *K systémovému pojetí statistických metod v metodologii empirického výzkumu chování*. Praha: Karolinum.

Blahuš, P. (2008). Some myths, and misunderstandings in test reliability: Methodological foundations. In *Kinesiology Research Trends and Applications* (pp. 1-15). Záhřeb: University of Zagreb.

Blahuš, P., Dobrý, L., Hohler, V., Hošek, V., Svatoň, V., & Svoboda, B. (1993). Kinanthropology – a new recognized scientific discipline. *Acta Universitatis Carolinae Gymnica. Kinanthropologica, 29(2)*, 61-78.

Bock, O. (1990). Load compensation in human goal-directed arm movements. *Behavioral Brain Research, 41(3)*, 603-613.

Buttelli, O., Seck, D., Vandewalle, H., Jouanin, J. C., & Monod, H. (1996). Effect of fatigue on maximal velocity and maximal torque during short exhausting cycling. *European Journal of Applied Physiology, 73(1-2)*, 175-179.

Capaday, C., & Cook, J. D. (1981). The effects of muscle vibration on the attainment of the intended final position during voluntary human arm movements. *Experimental Brain Research, 42(2)*, 228-230.

Capaday, C., & Cooke, J. D. (1983). Vibration-induced changes in movement-related EMG activity in humans. *Experimental Brain Research, 52(1)*, 139-146.

Corcos, D. M., Gottlieb, G. L., & Agarwal, G. C. (1989). Organizing principles for single joint movements: I. A speed-sensitive strategy. *Journal of Neurophysiology, 62(2)*, 358-368.

Corcos, D. M., Gottlieb, G. L., Jaric, S., Cromwell, R. L., & Agarwal, G. C. (1990). Organizing principles underlying motor skill acquisition. In J. Winters & S. Woo (Eds.), *Multiple Muscle Systems: Biomechanics and Movement Organization*. New York, NY: Springer-Verlag.

Corcos, D. M., Jaric, S., Agarwal, G. C., & Gottlieb, G. L. (1993). Principles for learning single joint movements. I. Enhanced performance by practice. *Experimental Brain Research, 94(3)*, 499-513.

Corcos, D. M., Jaric, S., & Gottlieb, G. L. (1996). Electromyographic analysis of performance enhancement. In H. N. Zelaznik (Ed.), *Advances in Motor Learning and Control* (pp. 123-153). Champaign, IL: Human Kinetics.

Čelikovský, S. (1976). *Teorie pohybových schopností*. Praha: Univerzita Karlova.

Čihák, R. (2001). *Anatomie 1*. Praha: Grada Publishing.

Čichocká, L. (2003). *Vliv rychlosti a zrakové kontroly na přesnost pohybu preferované a nepreferované horní končetiny*. Diplomová práce, Univerzita Palackého, Fakulta tělesné kultury, Olomouc.

Darling, W. G., Cooke, J. D. (1987). Movement related EMGs become more variable during learning fast accurate movements. *Journal of Motor Behavior, 19(3)*, 311-331.

Darling, W. G., Cooke, J. D., & Brown, S. H. (1989). Control of simple arm movements in elderly humans. *Neurobiology of Aging, 10(2)*, 149-157.

Drnková, Z., & Syllabová, R. (1983). *Záhada leváctví a praváctví*. Praha: Avicenum.

Dugas, C., & Marteniuk, R. G. (1989). Strategy and learning effects on perturbed movements: an electromyographica and kinematic study. *Behavioral Brain Research, 35(3)*, 181-193.

Enoka, R. M. (2002). *Neuromechanics of Human Movement* (3rd ed.). Champaign, IL: Human Kinetics.

Enoka, R. M. (2008). *Neuromechanics of Human Movement* (4th ed.). Champaign, IL: Human Kinetics.

Ervilha, U. E., Arendt-Nielsen, L., Duarte, M., & Graven-Nielsen, T. (2004a). The effect of muscle pain on elbow flexion and coactivation tasks. *Experimental Brain Research, 156(2)*, 174-182.

Ervilha, U. E., Arendt-Nielsen, L., Duarte, M., & Graven-Nielsen, T. (2004b). Effect of load level and muscle pain intensity on the motor control of elbow-flexion movements. *European Journal of Applied Physiology, 92(1-2)*, 168-175.

Feldman, A. G. (1986). Once more on the equilibrium-point hypothesis (1-model) for motor control. *Journal of Motor Behavior, 18(1)*, 17–54.

Feldman, A. G., & Levin, M. F. (1995). The origin and use of positional frames of reference in motor control. *Behavioral and Brain Sciences, 18(4)*, 723-806.

Feynman, R. P., Leigton, R. B., & Sands, M. (2000). *Feynmanovy přednášky z fyziky s řešenými příklady 1/3*. Praha: Fragment.

Fisk, J. D., & Goodale, M. A. (1989). The effects of instructions to subjects on the programming of visually directed reaching movements. *Journal of Motor Behavior, 21(1)*, 5-19.

Fitts, P. M. (1954). The information capacity of the human motor system in controlling the amplitude of movement. *Journal of Experimental Psychology, 1(2)*, 381-391.

Fitts, P. M., & Peterson, J. R. (1964). Information capacity of discrete motor responses. *Journal of Experimental Psychology, 67(2)*, 103-112.

Gottlieb, G. L. (1998). Rejecting the equilibrium-point hypothesis. *Motor Control, 2(1)*, 10-12.

Gottlieb, G. L., Corcos, D. M., & Agarwal, G. C. (1989a). Organizing principles for single joint movements: I. A speed-insensitive strategy. *Journal of Neurophysiology, 62(2)*, 342-357.

Gottlieb, G. L., Corcos, D. M., & Agarwal, G. C. (1989b). Strategies for the control of single mechanical correlates of rapid human elbow movement. *Behavioral and Brain Sciences, 12(2)*, 189-210.

Gottlieb, G. L., Corcos, D. M., Agarwal, G. C., & Latash, M. L. (1990). Organizing principles for single joint movements: III. The speed insensitive strategy as default. *Journal of Neurophysiology, 63(3)*, 625-636.

Gottlieb, G. L., Chen, C.-H., & Corcos, D. M. (1995). Relations between joint torque, motion, and electromyographic patterns at the human elbow. *Experimental Brain Research, 103(1)*, 164-167.

Haan de., A., Jones, D. A., & Sargeant, A. J. (1989). Changes in velocity of shortening power output and relaxation rate during fatigue of rat medial gastrocnemius muscle. *Pflügers Archiv: European Journal of Physiology*, 413(4), 422-428.

Hamill, J., Knutzen, K. M. (1995). *Biomechanical Basis of Human Movement*. Baltimore, MD: Williams & Wilkins.

Hendl, J. (2009). *Přehled statistických metod* (3rd ed.). Praha: Portál.

Hopkins, W. G. (2000). Measures of reliability in sports medicine and science. *Sports Medicine, 30(1)*, 1-15.

Hromádková, P. (2004). *Vliv zátěže na přesnost pohybu v loketním kloubu – preferovaná končetina*. Diplomová práce, Univerzita Palackého, Fakulta tělesné kultury, Olomouc.

Chandler, R. F., Clauser, C. E., McConville, J. T., Reynolds, H. M., & Young, J. W. (1975). *Investigation of inertial properties of the human body*. ARML Technical Report TR-74-137, Wright-Patterson Air Force Base, OH: Aerospace Medical Research Laboratories.

Janda, V. (1974). *Vyšetřování hybnosti. 1, Svalový test, vyšetřování zkrácených svalů, vyšetření hypermobility* (2nd ed.). Praha: Avicenum.

Janoščová, K. (2003). *Vliv rozsahu opakovaného pohybu v loketním kloubu na jeho přesnost – nepreferovaná horní končetina*. Diplomová práce, Univerzita Palackého, Fakulta tělesné kultury, Olomouc.

Jaric, S. (2000). Changes in movement symmetry associated with strengthening and fatigue of agonist and antagonist muscles. *Journal of Motor Behavior, 32(1)*, 9-15.

Jaric, S., Blesic, S., Milanovic, S., Radovanovic, S., Ljubisavljevic, M., & Anastasijevic, R. (1999). Changes in movement final position associated with agonist and antagonist muscle fatigue. *European Journal of Applied Physiology, 80(5)*, 467-471.

Jaric, S., Corcos, D. M., Agarwal, G. C., & Gottlieb, G. L. (1993). Principles for learning single joint movements. II. Generalizing a learned behavior. *Experimental Brain Research, 94(3)*, 514-521.

Jaric, S., Gottlieb, G. L., Latash, M. L., & Corcos, D. M. (1998). Changes in the symmetry of rapid movements. Effects of velocity and viscosity. *Experimental Brain Research, 120(1)*, 52-60.

Jaric, S., & Latash, M. L. (1999). Learning a pointing task with a kinematically redundant limb: Emerging synergies and patterns of final position variability. *Human Movement Science, 18(6)*, 819-838.

Jaric, S., & Latash, M. L. (2000). The equilibrium-point hypothesis is still doing fine. *Human Movement Science, 19(6)*, 933-938.

Jaric, S., Milanovic, S., Blesic, S., & Latash, M. L. (1999). Changes in movement kinematics during single-joint movements against expectedly and unexpectedly changed inertial loads. *Human Movement Science, 18(1)*, 49-66.

Jaric, S., Radovanovic, S., Milanovic, S., Ljubisavljevic, M., & Anastasijevic, R. (1997). A comparison of effects of agonist and antagonist muscle fatigue on performance of rapid movements. *European Journal of Applied Physiology, 76(1)*, 41-47.

Jaric, S., Ropret, R., Kukolj, M., & Ilic, D. B. (1995). Role of agonist and antagonist muscle strength in performance of rapid movements. *European Journal of Applied Physiology, 71(5)*, 464-468.

Kapandji, A. (1982). *The Physiology of the Joints. Volume One: Upper Limb.* Edinburgh: Churchill Livingstone.

Karas, V. (1978). *Biomechanika pohybového systému člověka.* Praha: Univerzita Karlova.

Karas, V., Otáhal, S., & Sušanka, P. (1990). *Biomechanika tělesných cvičení.* Praha: SPN.

Klapp, S. T. (1975). Feedback versus motor programming in the control of aimed movements. *Journal of Experimental Psychology, 47(6)*, 147-153.

Kolesnikov, V. (1988). *Mechanika. Část 2.* Olomouc: Univerzita Palackého.

Komi, P. V. (1992). Stretch-shortening cycle. In P. V. Komi (Ed.) *Strength and Power in Sport* (pp. 169-179). Oxford: Blackwell Scientific Publications.

Komi, P. V., Nicol, C., Marconnet, P. (1992). Neuromuscular fatigue during repeated stretch-shortening cycle exercises. *Medicine and Sport Science, 34*, 172-181.

Lachowiczová, L. (2004). *Vliv zátěže na přesnost pohybu v loketním kloubu – nepreferovaná končetina.* Diplomová práce, Univerzita Palackého, Fakulta tělesné kultury, Olomouc.

Latash, M. L. (1992). Motor control in Down syndrome: the role of adaptation and practice. *Journal of Developmental and Physical Disabilities, 4(3)*, 227-261.

Latash, M. L. (1993). *Control of Human Movement.* Urbana, IL: Human Kinetics.

Latash, M. L. (2008). *Neurophysical Basis of Movement* (2nd ed.). Urbana, IL: Human Kinetics.

Lhotáková, P. (2003). *Vliv rozsahu opakovaného pohybu v loketním kloubu na jeho přesnost - preferovaná horní končetina.* Diplomová práce, Univerzita Palackého, Fakulta tělesné kultury, Olomouc.

Malina, R. M. (1968). Reliability of different methods of scoring throwing accuracy. *Research Quarterly, 39(1),* 149-160.

Marieb, E. N., & Mallat, J. (2005). *Anatomie lidského těla.* Brno: CP Books.

Měkota, K. (1983). *Kapitoly z antropomotoriky. 1. Lidský pohyb – motorika člověka.* Olomouc: Univerzita Palackého.

Měkota, K., & Blahuš, P. (1983). *Motorické testy v tělesné výchově.* Praha: SPN.

Měkota, K., & Novosad, J. (2005). *Motorické schopnosti.* Olomouc: Univerzita Palackého.

Miller, D. I., & Morrison, W. E. (1975). Prediction of segmental parameters using the Hanavan human body model. *Medicine and Science in Sports, 7(3)*, 207-212.

Nagasaki, H. (1989). Asymmetric velocity and acceleration profiles of human arm movements. *Experimental Brain Research, 74(2)*, 319-326.

Nordin, M., & Frankel, V. H. (1989). *Basic Biomechanics of the Musculoskeletal System.* Philadelphia, PA: Lea and Febiger.

Ostry, D. J., Cooke, J. D., & Munhall, K. G. (1987). Velocity curves of human arm and speech movements. *Experimental Brain Research, 68(1)*, 37-46.

Pazourek, J. (1992). *Simulace biologických systémů*. Praha: Grada, a. s.

Riegerová, J., Přidalová, M., & Ulbrichová, M. (2006). *Aplikace fyzické antropologie (příručka funkční antropologie)* (3rd ed.). Olomouc: Hanex.

Schmidt, R. A., Sherwood, D. E., & Walter, C. B. (1988). Rapid movements with revearsals in direction. I. The control of movement time. *Experimental Brain Research, 69(2)*, 344-354.

Schmidt, R. A., & Wrisberg, C. A. (2008). *Motor Learning and Performance: A Situation-based Approach* (4th ed.). Champaign, IL: Human Kinetics.

Schmidtbleicher, D. (1992). Training for power events. In P. V. Komi (Ed.) *Strength and Power in Sport* (pp. 381-395). Oxford: Blackwell Scientific Publications.

Soechting, J. F. (1984). Effect of target size on spatial and temporal characteristics of a pointing movement in man. *Experimental Brain Research, 54(1)*, 121-132.

Stanieková, M. (2011). *Reliabilita testu přesnosti jednoduchého pohybu*. Diplomová práce, Univerzita Palackého, Fakulta tělesné kultury, Olomouc.

Trojan, S., Druga, R., Pfeiffer, J., & Votava, J. (2001). *Fyziologie a léčebná rehabilitace motoriky člověka* (2nd ed.). Praha: Grada Publishing.

Vaughan, Ch. L., Davis, B. L., O'Connor, J. C. (1992). *Dynamics of Human Gait*. Champaign, IL: Human Kinetics.

Vaverka, F. (1970). K některým obecným otázkám dynamometrického měření síly. *Acta Universitatis Palackianae Olomucensis. Gymnica, Tom, 32*, 171-179.

Vaverka, F., & Černošek, M. (2007). *Základní tělesné rozměry a tenis*. Olomouc: Univerzita Palackého.

Véle, F. (1997). *Kineziologie pro klinickou praxi*. Praha: Grada Publishing.

Vincent, W. J. (1995). *Statistics in Kinesiology*. Champaign, IL: Human Kinetics.

Voráčová, J. (2003). *Vliv laterality na přesnost opakovaného pohybu do extenze v loketním kloubu*.

Wallace, S. A. (1981). An impulse-timing theory for reciprocal control of muscular activity in rapid, discrete movements. *Journal of Motor Behavior, 13(3),* 144-160.

Wiegner, A. W., & Wierzbicka, M. M. (1992). Kinematic models and human elbow flexion movements: quantitative analysis. *Experimental Brain Research, 88(3)*, 665-673.

Wierzbicka, M. M., Wiegner, A. W., & Shahani, B. T. (1986). Role of agonist and antagonist muscles in fast movements in man. *Experimental Brain Research, 63(2)*, 331-340.

Winter, D. A. (1990). *Biomechanics and Motor Control of Human Movementi* (2nd ed.). New York, NY: John Wiley & Sons, Inc.

Zaciorskij, V. M., & Selujanov, V. (1979). *Biodinamika sportivnoj techniki*. Moskva: KFKS.

Zahradník, D. (2009). *Vypracování a ověření testu hodu na cíl a vztah mezi hmotnostmi projektilu a délkou hodu*. Dizertační práce, Univerzita Palackého, Fakulta tělesné kultury, Olomouc.

Zahradník, D., Vaverka, F., & Gajda, J. (2008). Optimisation of the size of a target and the throwing distance during a throw at a target for adults. *Acta Universitatis Palackianae Olomucensis. Gymnica, 38(4),* 39-45.