

# Literatura

- [1] M. BROKATE, P. KREJČÍ. Duality in the space of regulated functions and the play operator. *Mathematische Zeitschrift* **245** (2003) 667–688.
- [2] P. DRÁBEK, A. KUFNER. *Úvod do funkcionální analýzy*. (Učební text, ZČU Plzeň, 1993)  
[[http://www.kma.zcu.cz/0000\\_DATA/eBOOKs/Drabek/UFA.pdf](http://www.kma.zcu.cz/0000_DATA/eBOOKs/Drabek/UFA.pdf)].
- [3] M. DIMIAN, P. KREJČÍ, H. LAMBA, S. MELNIK, D. RACHINSKII. Explicit solution of a market model with interacting agents: Drawdowns, drawups, financial bubbles, and stochastic resonance. In preparation.
- [4] N. DUNFORD, J.T. SCHWARTZ. *Linear Operators I, II*. Interscience Publishers, New York a London, 1958 a 1963.
- [5] D. FRAŇKOVÁ. Regulated functions. *Mathematica Bohemica* **116** (1991) 20–59.
- [6] R. A. GORDON. *The Integrals of Lebesgue, Denjoy, Perron, and Henstock*. Graduate Studies in Math., AMS, Providence, Rhode Island, 1994.
- [7] I. HALPERIN. *Introduction to the Theory of Distributions*. University of Toronto Press, Toronto, 1952.
- [8] J. HAMHALTER, J. TIŠER. *Integrální počet funkcí více proměnných*. (2. vydání, učební text, Katedra matematiky, Fakulta elektrotechnická, ČVUT, Praha, 2005) [<http://math.feld.cvut.cz/tiser/vyuka.htm>].
- [9] R. HENSTOCK. *Lectures on the Theory of Integration*. World Scientific, Singapore, 1988.
- [10] T.H. HILDEBRANDT. *Theory of Integration*. Academic Press, New York-London, 1963.
- [11] CH.S. HÖNIG. *Volterra Stieltjes-Integral Equations*. North Holland and American Elsevier, Mathematics Studies 16, Amsterdam and New York, 1975.
- [12] CH.S. HÖNIG. Volterra Stieltjes-Integral Equations. In: *Functional Differential Equations and Bifurcation* (Proceedings of the Sao Carlos Conference 1979. Springer Lecture Notes in Mathematics) **799** (1980) 173—216.

- [13] V. JARNÍK. *Diferenciální počet II*. Academia, Praha, 1976.
- [14] V. JARNÍK. *Integrální počet II*. Academia, Praha, 1976.
- [15] A.N. KOLMOGOROV, S.V. FOMIN. *Základy teorie funkcí a funkcionální analýzy*. SNTL, Praha, 1975.
- [16] J. KRÁL. *Teorie potenciálu*. Státní pedagogické nakladatelství, Praha, 1965.
- [17] P. KREJČÍ. The Kurzweil integral with exclusion of negligible sets. *Mathematica Bohemica* **128** (2003) 277-292.
- [18] P. KREJČÍ. The Kurzweil integral and hysteresis. In: *Proceedings of the International Workshop on Multi-Rate Processes and Hysteresis* (Cork, 3.4.2006 - 8.4.2006, eds: M. Mortell, R. O'Malley, A. Pokrovskii, V.Sobolev). *Journal of Physics: Conference Series* **55**, (2006) 144–154.
- [19] P. KREJČÍ, J. KURZWEIL. A nonexistence result for the Kurzweil integral. *Mathematica Bohemica* **127** (2002) 571–580.
- [20] P. KREJČÍ, PH. LAURENÇOT. Generalized variational inequalities. *Journal of Convex Analysis* **9** (2002), 159–183.
- [21] P. KREJČÍ, M. LIERO. Rate independent Kurzweil processes. *Applications of Mathematics* **54** (2009) 117–145.
- [22] J. KURZWEIL. Generalized ordinary differential equation and continuous dependence on a parameter. *Czechoslovak Mathematical Journal* **7(82)** (1957), 418–449.
- [23] J. KURZWEIL. Generalized ordinary differential equations. *Czechoslovak Mathematical Journal* **8(83)** (1958), 360–387.
- [24] J. KURZWEIL. Generalized ordinary differential equations (Not Absolutely Continuous Solutions). *Series in Real Analysis - Vol. 11*, World Scientific, Singapore, 2012.
- [25] J. LUKEŠ. *Teorie míry a integrálu*. (Státní pedagogické nakladatelství, Praha, 1972)
- [26] J. LUKEŠ. *Úvod do funkcionální analýzy*. Karolinum, Universita Karlova v Praze, 2011.
- [27] J. LUKEŠ, J. MALÝ. *Measure and Integral*. matfyzpress, Praha, 1995  
[[http://www.mff.cuni.cz/to.en/fakulta/mfp/download/books/lukes-maly-\\_measure\\_and\\_integral.pdf](http://www.mff.cuni.cz/to.en/fakulta/mfp/download/books/lukes-maly-_measure_and_integral.pdf)].

- [28] R.M. MC LEOD. *The generalized Riemann integral*. Carus Monograph, No.2, Mathematical Association of America, Washington, 1980.
- [29] G. MONTEIRO, M. TVRDÝ. On Kurzweil-Stieltjes integral in Banach space, *Mathematica Bohemica*, v tisku.
- [30] G. MONTEIRO, M. TVRDÝ. Generalized linear differential equations in a Banach space: Continuous dependence on a parameter. *Discrete and Continuous Dynamical Systems*, v tisku.
- [31] W. RUDIN. *Functional Analysis*. McGraw-Hill Series in Higher Mathematics, New York, 1973.
- [32] S. SAKS. *Theory of the Integral*. Monografie Matematyczne, Warszawa, Lwów, 1937.
- [33] E. SCHECHTER. *Handbook of Analysis and its Foundations*. Academic Press, San Diego, 1997.
- [34] M. SCHECHTER. *Principles of Functional Analysis*. Academic Press, New York and London, 1973.
- [35] Š. SCHWABIK. *Generalized Ordinary Differential Equations*. Series in Real Analysis - Vol. 5, World Scientific, Singapore, 1992.
- [36] Š. SCHWABIK. *Integrace v  $R$  (Kurzweilova teorie)*. Karolinum, Universita Karlova v Praze, 1999.
- [37] Š. SCHWABIK. Verallgemeinerte lineare Differentialgleichungssysteme *Časopis pro pěstování matematiky* **96** (1971) 183–211.
- [38] Š. SCHWABIK. On the relation between Young's and Kurzweil's concept of Stieltjes integral. *Časopis pro pěstování matematiky* **98** (1973) 237–251.
- [39] Š. SCHWABIK. On a modified sum integral of Stieltjes type. *Časopis pro pěstování matematiky* **98** (1973) 274–277.
- [40] Š. SCHWABIK. Abstract Perron-Stieltjes integral. *Mathematica Bohemica* **121** (1996), 425–447.
- [41] Š. SCHWABIK. Linear Stieltjes integral equations in Banach spaces. *Mathematica Bohemica* **124** (1999), 433–457.
- [42] Š. SCHWABIK. Linear Stieltjes integral equations in Banach spaces II: operator valued solutions. *Mathematica Bohemica* **125** 2000, 431–454.

- [43] Š. SCHWABIK. A note on integration by parts for abstract Perron-Stieltjes integrals, *Mathematica Bohemica* **126** 2001, 613–629.
- [44] Š. SCHWABIK, P. ŠARMANOVÁ. *Malý průvodce historií integrálu*. Prometheus, Praha, 1996 [http://dml.cz/handle/10338.dmlcz/400862].
- [45] Š. SCHWABIK, M. TVRDÝ, O. VEJVODA. *Differential and Integral Equations: Boundary Value Problems and Adjoint*. Academia and Reidel. Praha and Dordrecht, 1979 [http://dml.cz/handle/10338.dmlcz/400391].
- [46] M. TVRDÝ. *Differential and Integral Equations in the Space of Regulated Functions*. Memoirs on Differential Equations and Mathematical Physics vol.25 (2002), pp. 1–104.
- [47] A.J. WARD. The Perron-Stieltjes integral. *Mathematische Zeitschrift* **41** (1937), 578–604.
- [48] L.C. YOUNG. An inequality of the Hölder type, connected with Stieltjes integration. *Acta Mathematica* **67** (1936), 251–282.