

## LITERATURA

AGARWAL R. P. - LAKSHMIKANTHAM V.

- [1] Uniqueness and Nonuniqueness Criteria for Ordinary Differential Equations, World Scientific, 1993.

APOSTOL T. M.

- [1] Some explicit formulas for the exponential matrix  $e^{At}$ , *Amer. Math. Monthly* 76(1969), 289 - 292.

BARBAŠIN E. A.

- [1] Funkcii Ljapunova, Nauka, Moskva, 1970.

BELLMAN R.

- [1] Stability Theory of Differential Equations, New York - Toronto - London, McGraw - Hill Book Company, Inc., 1953.

BENTLEY D. L. - COOKE K. L.

- [1] Linear Algebra with Differential Equations, Holt, Rinehart and Winston, Inc. New York - Chicago - San Francisco - Atlanta - Dallas - Montreal - Toronto - London - Sydney, 1973.

BORŮVKA O.

- [1] Základy teorie matic, Academia, Praha, 1971.  
[2] Lineare Differentialgleichung 2. Ordnung, Springer Verlag, New York - Heidelberg - Berlin, 1967.

BRAUN M.

- [1] Differential Equations and Their Applications, Springer Verlag, Berlin - Heidelberg - New York, 1975, 1978.

CESARI L.

- [1] Asymptotic Behavior and Stability Problems in Ordinary Differential Equations, Springer Verlag, Berlin - Göttingen - Heidelberg, 1959.

CODDINGTON E. A. - LEVINSON N.

- [1] Theory of Ordinary Differential Equations, McGraw-Hill, New York, 1965.

COPPEL W. A.

- [1] Stability and Asymptotic Behavior of Differential Equations, Heath, Boston, 1965.

CORDUNEANU C.

- [1] Principles of Differential and Integral Equations, Allyn and Bacon, Inc., Boston, 1971.

DĚMIDVIČ B. P.

- [1] Lekcii po matematičeskoj teorii ustojčivosti, Nauka, Moskva, 1967.

EASTHAM M. S. P.

- [1] The Asymptotic Solution of Linear Differential Systems, Applications of the Levinson Theorem, Clarendon press, Oxford, 1989.

FULMER E. P.

- [1] Computation of the Matrix Exponential, *Amer. Math. Monthly* 82(1975), 156 – 159.

GANTMACHER F. R.

- [1] Teorija matric, Nauka, Moskva 1988.

GREGUŠ M. - ŠEDA V. - ŠVEC M.

- [1] Obyčajné diferenciálne rovnice, Alfa - Bratislava & SNTL - Praha, 1985.

HARTMAN P.

- [1] Ordinary Differential Equations, New York - London - Sydney, John Wiley and Sons, 1964.

HILLE E.

- [1] Lectures on Ordinary Differential Equations, Addison - Wesley, Reading, 1969.

INCE E. L.

- [1] Ordinary Differential Equations, London - Longmans - Green, 1927, Appendix A. (Reprint by Dover New York - Dover 1944, 1953.)

JARNÍK V.

- [1] Integrální počet (II), Academia, Praha 1976.  
[2] Diferenciální počet (I), Academia, Praha 1974.

KALAS J. - RÁB M.

- [1] Viz Ráb M. - Kalas J. [1]  
[2] Asymptotic Properties of Dynamical Systems in the Plane, *Demonstratio Mathematica*, Vol. XXV, No 1-2(1992), 169 – 185.

KAMKE E.

- [1] Differentialgleichungen, Lösungsmethoden und Lösungen (Gewöhnliche Differentialgleichungen), Akademische Verlagsgesellschaft, Leipzig, 1959.  
[2] Über die partielle Differentialgleichung, I.,

$$f(x, y) \frac{\partial z}{\partial x} + g(x, y) \frac{\partial z}{\partial y} = h(x, y),$$

*Mathematische Zeitschrift* 41(1936), 56 – 66.

- [3] Über die partielle Differentialgleichung, II.,

$$f(x, y) \frac{\partial z}{\partial x} + g(x, y) \frac{\partial z}{\partial y} = h(x, y),$$

*Mathematische Zeitschrift* 42(1937), 287 – 300.

KIRCHNER R. B.

- [1] An Explicit Formula for  $e^{At}$ , *Amer. Math. Monthly* 74(1967), 1200 – 1204.

KURZWEIL J.

- [1] Obyčejné diferenciální rovnice, SNTL Praha, 1978.

LAKSHMIKANTHAM V. - LEELA S.

- [1] Differential and Integral Inequalities. Theory and Applications, Vol. 1 and 2, New York; Acad. Press, 1962.

MACLANE S. - BIRKHOFF G.

- [1] Algebra, ALFA Bratislava, 1973 (překlad z angličtiny)

MATVEJEV N. M.

- [1] Zbierka príkladov z obyčajných diferenciálnych rovníc, SVTL Bratislava, 1964 (překlad z ruštiny).

MURRAY A. D.

- [1] Introductory Course in Differential Equations for Students in Classical and Engineering Colleges, Longmanns, Brees and Co. London 1997.

NAGY J.

- [1] Elementární metody řešení obyčejných diferenciálních rovnic, SNTL Praha, 1986.  
 [2] Soustavy obyčejných diferenciálních rovnic, SNTL Praha, 1980.  
 [3] Stabilita řešení obyčejných diferenciálních rovnic, SNTL Praha, 1980.

NEUMAN F.

- [1] Global Properties of Linear Ordinary Differential Equations, Academia, Praha 1991.

PUTZER E. J.

- [1] Avoiding the Jordan Canonical Form in the Discussion of Linear Systems with Constant Coefficients, *Amer. Math. Monthly* 73(1966), 2 – 7.

RÁB M.

- [1] Kriterien für die Oszillation der Lösungen der Differentialgleichung  $[p(x)y']' + q(x)y = 0$ , *Časopis Pěst. Mat.* 84(1959), 335 – 370.  
 [2] Asymptotische Formeln für die Lösungen der Differentialgleichung  $y'' + q(x)y = 0$ . *Czechoslovak Math. J.* 14(1964), 203 – 221.

RÁB M. - KALAS J.

- [1] Stability of Dynamical Systems in the Plane, *Diff. Int. Equations* 3(1990), 127 – 144.  
 [2] Viz Kalas J. - Ráb M. [2].

RASSIAS M. J.

- [1] Counter Examples in Differential Equations and Related Topics, World Scientific, Singapore - New Jersey - London - Hong Kong, 1991.

REID W. T.

- [1] Ordinary Differential Equations, John Wiley & Sons, Inc. New York - London - Sydney - Toronto, 1971.

ROUCHE N. - HABETS P. - LALOY M.

- [1] Stability Theory and the Existence of Periodic Solutions and Almost Periodic Solutions, Applied Mathematics Sciences, Vol. 14, Springer Verlag, New York - Heidelberg - Berlin, 1975.

SANSONE G.

- [1] Obyknovenyije differencialnyje uravnenija, Tom I, Moskva, Izd. inostranoj literatury, 1953.

SANSONE G. - CONTI R.

- [1] Equazioni differenziali non lineari, Cremonese, Roma, 1956.

SCHAUDER J.

- [1] Der Fixpunktsatz in Funktionalräumen, *Studia Math.* 2(1930), 171 - 180.

VAN ROOTSELAAR

- [1] How to solve the system  $x' = Ax$ , *Amer. Math. Monthly* 92(1985), 321 - 326.

WALTER W.

- [1] Gewöhnliche Differentialgleichungen. Eine Einführung, Berlin - Heidelberg - New York, Springer Verlag, 1980.  
 [2] There is an Elementary Proof of Peano's Existence Theorem, *Amer. Math. Monthly* 78(1971), 170 - 173.

YOSHIZAWA T.

- [1] Stability Theory by Liapunov's Direct Method, Springer Verlag, New York - Heidelberg - Berlin, 1986.

ZEIDLER E.

- [1] Vorlösungen über nichtlineare Funktionalanalysis I - Fixpunktsätze, Teubner, Leipzig 1976. (English edition: Nonlinear Funktional Analysis and its Applications I. Fixed-Point Theorems. Springer Verlag, New York, 1986.)