

List of Monographs and Books
by A.A. Martynyuk

- I. *Technical Stability in Dynamics*. Tekhnika, Kiev, 1973. [Russian]
- II. *Motion Stability of Composite Systems*. Naukova Dumka, Kiev, 1975. [Russian]
- III. *Integral Inequalities and Stability of Motion*. Naukova Dumka, Kiev, 1979. (with R. Gutowski). [Russian]
- IV. *Dynamics and Motion Stability of Wheeled Transporting Vehicles*. Tekhnika, Kiev, 1981. (with L.G. Lobas and N.V. Nikitina). [Russian]
- V. *Practical Stability of Motion*. Naukova Dumka, Kiev, 1983. [Russian]
- VI. *Large Scale Systems Stability under Structural and Singular Perturbations*. Naukova Dumka, Kiev, 1984. (with Ly.T. Grujić and M. Ribbens-Pavella). [Russian]
- VII. *Large-Scale Systems Stability under Structural and Singular Perturbations*. Springer-Verlag, Berlin, 1987. (with Ly.T. Grujić and M. Ribbens-Pavella).
- VIII. *Stability Analysis of Nonlinear Systems*. Marcel Dekker, New York, 1989. (with V. Lakshmikantham and S. Leela).
- IX. *Stability of Motion: Method of Integral Inequalities*. Naukova Dumka, Kiev, 1989. (with V. Lakshmikantham and S. Leela). [Russian]
- X. *Practical Stability of Nonlinear Systems*. World Scientific, Singapore, 1990. (with V. Lakshmikantham and S. Leela).
- XI. *Stability of Motion: Method of Limiting Equations*. Naukova Dumka, Kiev, 1990. (with J. Kato and A.A. Shestakov). [Russian]
- XII. *Stability of Motion: Method of Comparison*. Naukova Dumka, Kiev, 1991. (with V. Lakshmikantham and S. Leela). [Russian]
- XIII. *Some Problems of Mechanics of Nonautonomous Systems*. Mathematical Institute of SANU, Beograd–Kiev, 1992. (with V.A. Vujicic). [Russian]
- XIV. *Stability Analysis: Nonlinear Mechanics Equations*. Gordon and Breach Science Publishers, Amsterdam, 1995.
- XV. *Stability of Motion of Nonautonomous Systems: Method of Limiting Equations*. Gordon and Breach Science Publishers, Amsterdam, 1996. (with J. Kato and A.A. Shestakov).
- XVI. *Advances in Nonlinear Dynamics*. Gordon and Breach Science Publishers, Amsterdam, 1997. (Eds.: with S. Sivasundaram).
- XVII. *Stability by Liapunov's Matrix Function Method with Applications*. Marcel Dekker, New York, 1998.

- XVIII. *Theory of Practical Stability with Applications*. Harbin Institute of Technology, Harbin, 1999. (with Sun Zhen qi). [Chinese]
- XIX. *Qualitative Methods in Nonlinear Dynamics: Novel Approaches to Liapunov's Matrix Function*. Marcel Dekker, New York, 2002.
- XX. *Stability and Stabilization of Nonlinear Systems with Random Structures*. Taylor & Francis, London and New York, 2002. (with I.Ya. Kats).
- XXI. *Advances in Stability Theory at the End of the 20th Century*. Taylor & Francis, London and New York, 2003. (Ed.: A.A. Martynyuk).
- XXII. *Theory of Practical Stability with Applications*. Second Edition, Revised and Expanded. Chinese Academy of Sciences Publishing Company, Beijing, 2003. (with Sun Zhen qi). [Chinese]
- XXIII. *Qualitative Analysis of Nonlinear Systems with Small Parameter*. Chinese Academy of Sciences Publishing Company, Beijing, 2006 (with Sun Zhen qi). [Chinese]
- XXIV. *Stability of Motion: The Role of Multicomponent Liapunov's Functions*, Cambridge Scientific Publishers, London, 2007.
- XXV. *Advances in chaotic dynamics and applications*. - Eds.: C. Crus-Hernndes and A.A. Martynyuk, Cambridge: Cambridge Scientific Publishers, 2009.
- XXVI. *Uncertain Dynamical Systems: Stability and Motion Control* Boca Raton: CRC Press Taylor & Francis Group, 2012. (with Yu.A.Martynyuk-Chernienko)
- XXVII. *Uncertain Dynamical Systems: Stability and Motion Control* Beijing: Science Press, 2012. Translation from Russian, 2012. (with Yu.A.Martynyuk-Chernienko and Sun, Zhen Qi). [Chinese]
- XXVIII. *Stability theory of solution of dynamic equations on time scales*, Kiev: Feniks, 2012.[Russian]
- XXIX. *Weakly connected nonlinear systems: Boundeness and stability of motion*, Boca Raton: Taylor & Francis Group, 2013. (with L.N.Chernetskaya and V.A.Martynyuk).
- XXX. *Stability Analysis of Nonlinear Systems under Structural Perturbations*. Cambridge: Cambridge Scientific Publishers, 2014. (with V.G.Miladzhanov)
- XXXI. *Stability Analysis of Nonlinear Systems*. Second Edition. Berlin: Birhouser, 2015. (with V.Lakshmikantham and S.Leela)
- XXXII. *Stability Theory for Dynamic Equations on Time Scales*. Berlin: Birkhouser, 2016.
- XXXIII. *Qualitative Analysis of Set-Valued Differential Equations*, Cham: Springer Nature Switzerland, 2019. — 198 p.
- XXXIV. *Dynamics and Stability of Motion of Shock and Hybrid Systems*, (coauthors B. Radziszewski and A. Szadkowski), Warsaw: SCIENDO, 2019. — 193 p.

XXXV. Stability: Elements of the Theory and Applications with Examples, (coauthors B. Radziszewski and A. Szadkowski), Warsaw: SCIENDO, 2020. — 328 p.