

Lista publikacji

- październik 2011

I. Prace oryginalne (rozdziały w książkach zbiorowych, artykuły w czasopismach):

1. **Dąbkowski P.**, Gałkowski K., Bachelier O., Rogers E., Kummert A., Lam J., 2011, ***Strong practical stability based robust stabilization of uncertain discrete linear repetitive processes***, *Special Issue on Inverse Problems in Science and Industry of the Journal, Numerical Linear Algebra with Applications dedicated to Biswa Datta*.
2. Bachelier O., **Dąbkowski P.**, Gałkowski K., Kummert A., 2011, ***Fractional and nD Systems – A Continuous Case***, *An International Journal of Multidimensional Systems and Signal Processing*.
3. **Dąbkowski P.**, Gałkowski K., Rogers E., Bachelier O., 2010, ***Strong practical stability and stabilization of differential linear repetitive processes***, *Systems & Control Letters* 59(10): 639-644.
4. **Dąbkowski P.**, Gałkowski K., Datta B., Rogers E., 2010, ***LMI based stability and stabilization of second-order linear repetitive processes***, *Asian Journal of Control* 12(2): 136-145.
5. **Dąbkowski P.**, Gałkowski K., Rogers E., Kummert A., 2009, ***Strong Practical Stability and Stabilization of Discrete Linear Repetitive Processes***, *An International Journal of Multidimensional Systems and Signal Processing* 20(4): 311-331.

II. Prace pokonferencyjne i doniesienia zjazdowe

1. **Dąbkowski P.**, Gałkowski K., Bachelier O., Rogers E., 2010, ***Strong practical stability and H infinity disturbance attenuation for discrete linear repetitive processes***, 15th International Conference on Methods and Models in Automation and Robotics, s. 319-324.
2. **Dąbkowski P.**, Gałkowski K., Bachelier O., Rogers E. and Lam J., 2010, ***A new approach to strong practical stability and stabilization of discrete linear repetitive processes***, 19th International Symposium on Mathematical Theory of Networks and Systems – MTNS 2010, s. 311-317.
3. **Dąbkowski P.**, Gałkowski K., Datta B., 2010, ***An Output Control of a Class of Discrete Second-order Repetitive Processes***, 19th International Symposium on Mathematical Theory of Networks and Systems – MTNS 2010, s. 781-787.
4. **Dąbkowski P.**, Gałkowski K., Rogers E., Datta B., 2009, ***Computationally Effective Algorithms for Investigation Stability and Stabilization of a Class of Ill-conditioned Second Order Differential Linear Repetitive Processes***, 7th Workshop on Advance Control and Diagnosis ACD.
5. **Dąbkowski P.**, Gałkowski K., Rogers E., Cai Z., Freeman C. T., Lewin P. L., 2009, ***Iterative Learning Control Based on Strong Practical Stability of Repetitive Processes***, *Proceedings of*

the 48th IEEE Conference on Decision and Control held jointly with the 28th Chinese Control Conference, CDC/CCC, Shanghai, s. 4864-4869.

6. Dąbkowski P., Gałkowski K., Rogers E., 2009, ***Stability and Stabilization of a Class of Ill-conditioned Second Order Differential Linear Repetitive Processes***, Proceedings of the 48th IEEE Conference on Decision and Control held jointly with the 28th Chinese Control Conference, CDC/CCC, Shanghai, s. 3232-3237.

7. Dąbkowski P., Gałkowski K., Rogers E., 2009, ***A Simplified Approach to Iterative Learning Control Based on Strong Practical Stability of Repetitive Processes***, 6th International Workshop on Multidimensional (nd) Systems nDS 2009, Thessaloniki, s. 1-6.

8. Dąbkowski P., Gałkowski K., Rogers E., 2008, ***Strong practical stability and stabilization of 2D differential-discrete linear systems***, 47th IEEE Conference on Decision and Control CDC, Cancun, Mexico, s. 2385-2390.

9. Dąbkowski P., Gałkowski K., Datta B., Rogers E., 2008, ***An LMI technique for stability and stabilization of a class of discrete second-order repetitive processes***, 14th International Congress of Cybernetics and Systems of WOSC, Wrocław.

10. Dąbkowski P., Gałkowski K., Rogers E., Kummert A., 2008, ***Strong practical stability and control of uncertain discrete linear repetitive processes***, 17th IFAC World Congress (IFAC'08), Seoul, Korea, s. 1496-1501.

11. Dąbkowski P., Gałkowski K., Rogers E., Kummert A., 2007, ***Strong practical stability and control of discrete linear repetitive processes***, 5th International Workshop on Multidimensional (nD) Systems, Aveiro, Portugal, s. 149-154.

12. Dąbkowski P., 2006, ***Second-order Discrete Linear Repetitive Processes***, 1st International Conference for Young Researchers in Computer Science, Control, Electrical Engineering and Telecommunications, Zielona Góra.