

Papers Published in the Journal **Automatics and Informatics** in 2016

Automatics

1. Tumbarkova, N., N. Deliiski. **Approximation of the Change in the Air Temperature during Freezing in a Freezer and Subsequent Defrosting of Wood.** 2016, No. 2, 5-11.
2. Belev, Y., I. Bachkova, G. Popov. **IEC 61131 Based Control of Processes in Furniture Factory.** 2016, No. 2, 12-26.
3. Stoyanov, V., G. Vachkov. **Performance Evaluation of Photovoltaic Systems by Use of Grid-Type Fuzzy Models.** 2016, No. 2, 17-28.
4. Mladenov, M. **Evaluation of the Freshness of Meat and Dairy Products by Predictive Models and Neural Networks.** 2016, No. 2, 29-36.
5. Koleva, E., L. Koleva, V. Tsochev. **Optimisation of the proces electron beam welding of stainless steel 1H18NT by robust engineering design.** 2016, No. 2, 37-42.
6. Dikova, M., K. Alexiev. **Modeling and Optimization of Carbon Dioxide Car Emission.** 2016, No. 3, 3-7.
7. Zlatev, Z., A. Dimitrova, S. Baycheva. **Colorimeter Based on Embedded System and Color Sensor.** 2016, No. 3, 8-12.
8. Sestrimska, M., T. Titova, V. Nachev, Ch. Damyanov. **Artificial Neural Network of Herbal Tea with Different Ingredients and Geographical Origin.** 2016, No. 3, 13-19.
9. Deliiski, N. **Modeling of the Unilateral Heating Process of Furniture Elements before Lacquering.** 2016, No. 4, 3-8.
10. Tsvetkov, D., Y. Nachev, D. Popova, T. Penzov, D. Marinov. **Microprocessor System for Loading Control of Coal Mill.** 2016, No. 4, 9-16.

11. Boshnakov, K., Ch. Li, L. Fan. **Model-Based Diagnosis of Faults in Microbial Fuel Cells.** 2016, No. 4, 17-23.

12. Hadjiski, M., N. Christova, S. Kojnov. **Pellets Production Improving Using Sequential Optimization.** 2016, No. 4, 24-32.

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13. Akivanov, V., V. Lakov, I. Simeonov. **Automation of the Processes of Anaerobic Digestion of Organic Wastes with Production of Hydrogen and Methane.** 2016, No. 1, 3-8.

14. Deliiski, N. **Modeling of the Unilateral Heating Process of Furniture Elements Before Lacquering.** 2016, No. 1, 9-14.

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22. Bonev, S. **Dictionaries and Programming Languages.** 2016, No. 3, 26-31.

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32. Hadjiski, M. **Eng. Valeri Andreev at the Age of 65.** 2016, No. 1, 55-57.

33. Hadjiski, M. **8th IEEE Conference "Intelligent Systems 2016".** 2016, No. 1, 60-61.

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37. Simeonov, I. **6th IFAC Conference on Fundamentals of Systemic Biology in Engineering.** 2016, No. 2, 36.

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39. Dineva, K. **Exhibition CeBIT 2017, Hanover, Germany.** 2016, No. 3, 53-55.

40. Smrikarov, A. **International Conference on Computer Systems and Technologies CompSysTech’17.** 2016, No. 4, 41-42.

41. Hadjiski, M. **25th International Symposium on Control of Energy, Industrial and Ecological Systems.** 2016, No. 4, 43-44.