
ABSTRACTS

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EMBEDDED SYSTEMS

(pages 1-5)

Lubica Miková

Technical University of Kosice, Faculty of Mechanical Engineering, Letna 9, Kosice, Slovak Republic,
lubica.mikova@tuke.sk (corresponding author)

Ivan Virgala

Technical University of Kosice, Faculty of Mechanical Engineering, Letna 9, Kosice, Slovak Republic,
ivan.virgala@tuke.sk

Michal Kelemen

Technical University of Kosice, Faculty of Mechanical Engineering, Letna 9, Kosice, Slovak Republic,
michal.kelemen@tuke.sk

Keywords: mechatronics, education, embedded systems

Abstract: The paper deals with embedded systems, which are as inseparable part of mechatronic systems. The main task of them is to sense, monitoring and control of mechatronic products activities. Embedded systems can be realised via using of microcontroller, PLC, embedded PC or as combination of them. Embedded systems also can work in network as collaborative systems.

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EXPERIMENTAL STAND FOR ACTUATOR TESTING

(pages 7-10)

Piotr Kuryło

University of Zielona Góra, Faculty of Mechanical Engineering, Institute of Machine Design and Machinery
Operations, ul. Prof. Szafrana 4, 65-246 Zielona Góra, Poland, P.Kurylo@ibem.uz.zgora.pl

Keywords: actuator, experimental stand, measurement, mechatronics

Abstract: The paper deals with experimental stand for testing of actuators. Shape memory alloy has been one of the possible tested actuators on this stand. Experimental results gave recommendation for design of the products with tested actuators. This stand is also able to test dynamic properties of actuators.
