

INTELLIGENT MICROENGINEERING

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Abstract: *The scientific manuscript entitled Intelligent Microengineering is treating a mixture of concepts, fundamentals and applicative techniques regarding the mechatronics field / micro-nanomecatronics, robotics / micro-nanorobotics and integronics / micro-nanointegronics, field of informational instrumentation / micro-nanoinstrumentation, sensors / micro-nanosensors field, transducers / micro-nanotransducers and actuators / micro-nanoactuators, field of micro-devices in 3D, 4D and 5D for micro-nanoprocessing, inspection and integrated control and field of advanced micro-nanomanufacturing.*

The main purpose of the scientific manuscript is to present the new scientific results of high-tech level in the intelligent micro-engineering, for discovering new knowledge in technical, technological and inovative domain as well as for discovering new concepts, intelligent-mechatronic / robotic and integronic systems / equipments, based on excellence research laboratories with advanced endowments in domain, for the new generations of equipments and technologies.

Key words: *mecathronic; micro-nanomecathronic; robotic; micro-nanorobotic; micro-nanointegronic*



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