

**Section**

**ELECTROTECHNICS. ENERGETICS. ELECTRONICS**

CONTENTS

	Pp.
IONUȚ-ADRIAN IFTODE and CRISTIAN FOȘALĂU, Review on Microcontroller Platforms and their Applicability in IoT Embedded Systems (English, Romanian summary) . . . . .	9
SABINA-ADRIANA FLORIA, A Structural Fault Collapsing Algorithm and the Application of Machine Learning to Approximate the Number of Collapsed Faults (English, Romanian summary) . . . . .	21
EUGEN HOPULELE and MIHAI GAVRILAȘ, Optimal Operation of a Trigeneration System Designed to Supply an Electricity, Heating and Cooling Consumer (English, Romanian summary) . . . . .	39
OTILIA ZVORIȘTEANU, SIMONA CARAIMAN and VASILE-ION MANTA, Towards Real-Time Semantic Instance Segmentation (English, Romanian summary) . . . . .	57
OVIDIU PAUCA, CONSTANTIN-FLORIN CARUNTU, ANCA MAXIM and CORNELIU LAZAR, Control Architecture for Automated Vehicles to Ensure Obstacle Avoidance (English, Romanian summary) . . . . .	69
ALEXANDRU VIOREL RUSU and GHEORGHE LIVINȚ, Automated Method for Searching Optimal Solution in Street Lighting Design (English, Romanian summary) . . . . .	85