



8TH
INTERNATIONAL
ADVANCED TECHNOLOGIES
SYMPOSIUM

MECHATRONICS

21.10.2017 SATURDAY/CUMARTESİ

MECHATRONICS

HALL-L

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09.00-09.15	207	Modular Robot Design And Application For Children's Development In Mechatronics And Automation E. Kayaalp*, N. Akkus, İ. Temiz
09.15-09.30	294	Design of a Remote Controlled Beehive for Improving Efficiency of Beekeeping Activities Sengul Dogan*, Erhan Akbal, Gonca Özmen Koca, Alişan Balta
09.30-09.45	306	1-DOF Hybrid Haptic Interface for Rapid Control Prototyping Muhammed S. Yılmaz*, Yigit Tascioglu,
09.45-10.00	1191	Control of Four Degrees of Freedom Robot Arm with 2-Dof PID Gamze Yüksel*, Hakan Çelik
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10.35-10.50	733	Target Detection with a Gas Detection Sensor of a Four-legged Robot Ahmet Burak Tatar*, Oğuz Yakut
10.50-11.05	465	The Control Of An Electronically Locked Door; New Methods Harun SUMBUL*
11.05-11.20	473	5 Eksenli Endüstriyel Robot Kolunun İleri Ve Ters Kinematik Analizi Kenan Erin*
11.20-11.35	1168	State Feedback Controller and Observer Design for a Two Wheeled Vehicle Yagmur Umay, Z. Hakan Akpolat, Mustafa Can Bingöl*, Deniz Korkmaz
11.35-11.50	544	Route Planning with Artificial Potential Field Method in Autonomous Mobile Robots Gürkan Gürgüze*, İbrahim Türkoğlu



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14.15-14.30	429	Design and Implementation of a Multi-Sensor Remote-Controlled Robot Car Harun Sumbul*, Ahmet Bogrek
14.30-14.45	930	Led'li Aydınlatma Sistemlerinin Elektriksel Tarama Teknikleri ile Enerji Verimliliğinin Arttırılması Abdülkadir Çakır*, Mehmet Ali Genç, Seyit Akpancar
14.45-15.00	693	Kinematic Analysis of OWI-535 Robotic Arm and Simulation of Its Motion using SimMechanics Cağrı Kaymak*, Ayşegül Uçar
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15.35-15.50	900	Investigation of Driving Method Via 2 Phases for Travelling Wave Ultrasonic Motor Hüseyin Taş*, M.Caner Aküner Uğur Demir
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