Sensors & Transducers Journal

Contents

Volume 261
Issue 2
June 2023

www.sensorsportal.com

ISSN 2306-8515
e-ISSN 1726-5479

Research Articles

Vehicle Localization by Optimally Weighted use of Cross-Correlated MEMS Sensor Data
Takayoshi Yokota 1

Anti-Lock Braking System Control using Backstepping Method Based Fuzzy Logic
Najlae Jennan and El Mehdi Mellouli 10

Multi-Complex Robot Interaction with Homothetic Human Feedback in a Virtual Environment
Taha Houda, Ayman Beghdadi, Lotfi Beji and Ali Amouri 15

Learning from Demonstration and Safe Cobotics Using Digital Twins
A. Rizzotti-Kaddouri, L. Jeanneret, B. Studer, J. Bracamonte, N. Ouerhani and M. Kunze 25

Controlling a Two-Link Robot using Sliding Mode Control Combined with Neural Network
Ayoub Belkheirand El Mehdi Mellouli 33

The Triangular Observer-Based Integral Sliding-Mode Wind System Energy Control
Sanae El Bouassi, Zakaria Chalh and El Mehdi Mellouli 41

Comparison of LMI Solvers for Robust Control of a DC-DC Boost Converter
Jérôme Bosche, David Lara Alabazares and Abdelhamid Rabhi 46

Synergies in the Application of Industry 4.0 and Lean Manufacturing at a Product Label Manufacturer – A Discrete Event Simulation Case Study
Stefan Harrison, Boppana V. Chowdary 55

Digitalization of Aeronautic Painting Shop Floors for Improved Commissioning Activities
J. H. Lugo, A. Abassi, R. Balderas and N. Lassabe 61

The use of Industry 4.0 in Managing the Covid-19 Pandemic: Literature Review
Mephtaha Guennoun and Fatima Bennouna 67

Multimodal Deep Learning Architecture for Hindustani Raga Classification
Stella Paschalidou and Ioanna Miliaresi 77

Authors are encouraged to submit article in MS Word (doc) and Acrobat (pdf) formats
by e-mail: editor@sensorsportal.com. Please visit journal's webpage with preparation instructions:
http://www.sensorsportal.com/HTML/DIGEST/Submition.htm

International Frequency Sensor Association (IFSA).