

# ***Engineering Letters***

Contents: Volume 32, Issue 11: November 2024

Online Version Available: 1 November 2024

## **JOURNAL PAPERS:**

### **A Comparison Analysis of Adaptive Control Techniques Applied over Coupled DC Motors under Disturbances**

Santiago Pulgarin-Correa, Sebastian Lopez-Blandon, and Eduardo Giraldo, Engineering Letters, 32:11, pages 2052-2062.

### **Multi-Length Meta-Path Sematic Fusion in Medical Heterogeneous Graph for Disease Dignosis**

Jianbin Luo, Dan Yang, and Yang Liu, Engineering Letters, 32:11, pages 2063-2072.

### **LSOD-YOLOv8s: A Lightweight Small Object Detection Model Based on YOLOv8 for UAV Aerial Images**

Huikai Li, and Jie Wu, Engineering Letters, 32:11, pages 2073-2082.

### **Simulation Analysis of Optimal Camera Viewpoints for Glossy-Surface Inspection**

K. Tanaka, Engineering Letters, 32:11, pages 2083-2089.

---

**SW-STP: A Spatio Temporal Pattern Based Model for Detecting Traffic Flow Data Anomalies**

Guang Wang, Wenhui Cao, and Qiang Ai, *Engineering Letters*, 32:11, pages 2090-2098.

**Neural Network Adaptive Control for Pneumatic Muscle Joint Systems with Unknown Nonsymmetric Actuator Dead-Zone**

Xintong Tian, Zhao Zhang, Hongyan Zhou, and Xue-Bo Chen, *Engineering Letters*, 32:11, pages 2099-2106.

**Efficient Iterative Reconstruction Method for Randomly Sampled Multi-Band Signals**

H. Semlali, N. Boumaaz, A. Maali, S. Laafar, A. Soulmani, A. Ghammaz, and J. -F. Diouris, *Engineering Letters*, 32:11, pages 2107-2113.

**Green Tomato Segmentation Model Based on Optimized Swin-Unet Algorithm Under Facility Environments**

Ru Jiang, Huichuan Duan, Jingyu Yan, and Weikuan Jia, *Engineering Letters*, 32:11, pages 2114-2126.

**Lightweight Human Pose Estimation Based on Heatmap Weighted Loss Function**

Xin Wang, Guanhua Li, Yongfeng Chen, and Ge Wen, *Engineering Letters*, 32:11, pages 2127-2137.

**Albertson(Alb) Energy of Product of Graphs**

Jane Shonon Cutinha, Sabitha D'Souza, and Swati Nayak, *Engineering Letters*, 32:11, pages 2138-2144.

**Analysis of Vehicle Ride Comfort and Parameter Optimization of Hydro-pneumatic Suspension for Heavy Duty Mining Vehicle**

Zhanlong Li, Haotian Hou, Zheng Zhang, Beijun Guo, Yong Song, and Zhiqi Liu, *Engineering Letters*, 32:11, pages 2145-2152.

**Benders Decomposition Approach on Adjustable Robust Counterpart Optimization Model for Multi-objective Supply Chain Problems in Sugar Distribution**

Diah Chaerani, Athaya Zahrani Irmansyah, Endang Rusyaman, Dhanan Sarwo Utomo, and Anita Triska, Engineering Letters, 32:11, pages 2153-2164.

**Transmission Torque Analysis of Permanent Magnet Axial Eddy Current Couplings with Misalignment**

Ao Wang, Shaoqing Zheng, and Jian Wang, Engineering Letters, 32:11, pages 2165-2172.

**Daily Life Convenience of Post-disaster Recovery Housing Complexes Constructed in Fukushima Prefecture Following the 2011 Tohoku Earthquake**

Dandan Li, and Noriaki Endo, Engineering Letters, 32:11, pages 2173-2179.

**RBL-YOLOv8: A Lightweight Multi-Scale Detection and Recognition Method for Traffic Signs**

Shijie Guo, Nannan Zhao, Xinyu Ouyang, and Yifan Ouyang, Engineering Letters, 32:11, pages 2180-2190.

## ***Information for Authors***