Volume 6, Number 5, October 2016

- **Mechanical Design and Industrial Engineering**
  Thermo-structural Analysis of Steel-Composite Wall Nozzle .......................................................... 261
    *Ahmed R. Gomaa and Hai Huang*

  An IMU-Based Gait Detection for a Wearable Walking Assistive Device ........................................... 268
    *Shanhai Jin, Changfu Jin, Xiaodan Wang, and Yonggao Jin*

  On the Development of Hyper Heuristics Based Framework for Scheduling Problems in Textile Industry .... 272
    *Cecilia E. Nugraheni and Luciana Abednego*

- **Systems and Control Engineering**
  A Case Study: State Estimation and Optimal Control of an Industrial Copper Electrowinning Process ........ 277
    *M. Anushka S. Perera, Tor Anders Hauge, and Carlos Fernando Pfeiffer*

  Trajectory Optimization for Ascent and Glide Phases Using Gauss Pseudospectral Method ....................... 289
    *Abdel Mageed Mahmoud, Chen Wanchun, Zhou Hao, and Liang Yang*

  High-Performance Path Planning of UAV under Complex Environment .................................................. 296
    *Mohammed Abozied Hassan Abozied and Shiyin Qin*

- **Modeling and Optimization**
  Simulation Optimization: Deal or No Deal Using Kelly Strategy ....................................................... 306
    *Krunal Patel, Alexandra L. Wang, and Jin Wang*