<table>
<thead>
<tr>
<th>PAGES</th>
<th>PAPERS</th>
</tr>
</thead>
</table>
| 1 – 8 | Modeling and Optimization for Disassembly Planning  
*Ahmed Azab, Aiman Ziout, and Waguih ElMaraghy* |
| 9 – 16 | Jig Design, Assembly Line Design and Work Station Design and Their Effect to Productivity  
*Adi Saptari, Wong Soon Lai, Mohd. Rizal Salleh* |
| 17 – 22 | The Effect of Tool Fixturing Quality on the Design of Condition Monitoring Systems for Detecting Tool Conditions  
*Jabbar Abbas, Amin Al-Habaibeh, Daizhong Su* |
| 23 – 28 | Static and Dynamic Analysis of Hydrodynamic Four-lobe Journal Bearing with Couple Stress Lubricants  
*Boualem Chetti* |
| 29 - 32 | Thermal Analysis of Discrete Water supply in Domestic Hot Water Storage Tank  
*N. Beithou, M. Abu Hilal, I. Abu-Alshaikh* |
| 33 – 38 | Synthesis of Hard Coatings and Nano Modification with Ion Implantation  
*Branko Skoric, Damir Kakas, and Aleksandar Miletic* |
| 39 – 46 | Dynamic Analysis and Control of Automotive Occupant Restraint Systems  
*Abdulwahab A. Alnaqi and Ahmet S. Yigit* |
| 47 – 52 | Comparative Performance and Emission Properties of Spark-Ignition Outboard Engine Powered by Gasoline and LPG  
*Zuhdi Salhab, Mohammad G. Qawasmi, Hussein Amro, Mosa Zalloum, Mohammad S. Qawasmi and Nafez Sharawi* |
| 53 - 60 | Development of an Inertial Measurement Unit for Unmanned Aerial Vehicles  
*Khaled S. Hatamleh, Angel Flores-Abad, Pu Xie, Gerardo Martinez, Brandi Herrera and Ou Ma* |
| 61 - 70 | Dynamic Modeling and Control of Elastic Beam Fixed on A moving Cart and Carrying Lumped Tip  
*Fadi A. Ghaith and Mohammad N. Hamdan* |
| 71 - 76 | Experimental Investigation of the Effect of Hydrogen Blending on the Concentration of Pollutants Emitted From a Four Stroke Diesel Engine  
*Haroun A. K. Shahad, Nabil Abul Hadi* |
| 77 - 82 | Control of Soot Emission from Diesel Engines  
*Raed Al-HASANAT and Moh’d QAWASMI* |
Aero/hydrodynamic Study of Speedo LZR, TYR Sayonara and Blueseventy Pointzero3 Swimsuits
Hazim Moria, Harun Chowdhury, Firoz Alam and Aleksandar Subic

Road Test Emissions Using On-board Measuring Method for Light Duty Diesel Vehicles
Jerzy Merkisz, Jacek Pielecha and Ireneusz Pielecha

Fuzzy Logic Control of an Electrical Traction Elevator
Musa O. Abdalla and Tagreed M. Al-Jarrah

Evaluating Thermal Performance of Solar Cookers under Jordanian Climate
M. Abu-Khader, M. Abu Hilal, S. Abdallah, and O. Badran