

| PAGES | PAPERS |
|--------------|--|
| 75 - 84 | Controlling of Chaos Synchronization. <i>Mohammad Ababneh.</i> |
| 85 - 102 | Hybrid DEBBO Algorithm for Tuning the Parameters of PID Controller Applied to Vehicle Active Suspension System . <i>Kalaivani Rajagopal, Lakshmi Ponnusamy</i> |
| 103– 111 | Simplified Mathematical Modeling of Temperature Rise in Turning Operation Using MATLAB. <i>Ajay Goyal, Rajesh Kumar Sharma</i> |
| 113– 120 | Estimation of Defect Severity in Rolling Element Bearings using Vibration Signals with Artificial Neural Network. <i>Vana Vital Rao, Chanamala Ratnam</i> |
| 121– 128 | Corrosion Characteristics of Basalt Short Fiber Reinforced with Al-7075 Metal Matrix Composites. <i>Ezhil Vannan , Paul Vizhian</i> |
| 129– 137 | Sustainable Energy for Water Desalination System Relative to Basra Climate. <i>Amani J. Majeed , Ghadeer J. Mohammed, Ala'a Abdulrazaq.</i> |
| 139– 147 | Computational Modeling of Temperature Field and Heat Transfer Analysis for the Piston of Diesel Engine with and without Air Cavity. <i>Subodh Kumar Sharma, Parveen Kumar Saini, Narendra Kumar Samria</i> |
| 149– 157 | Heatline Visualization of Buoyancy-Driven Flow inside a Nanofluid-Saturated Porous Enclosure. <i>Iman Zahmatkesh</i> |
