

<b>PAGES</b>	<b>PAPERS</b>
236 – 245	A Finite Element Calculation of Stress Intensity Factors of Cruciform and Butt Welded Joints for Some Geometrical Parameters <i>A. M. Al-Mukhtar, S. Henkel, H. Biermann, P. Hübner</i>
246 – 251	An Intelligent Opportunistic Maintenance (OM) System: A Genetic Algorithm Approach <i>M. S. Samhoury, A. Al-Ghandoor, R. H. Fouad, S. M. A. Ali</i>
252 – 259	Prediction of Surface Roughness in Turning Using Adaptive Neuro-Fuzzy Inference System <i>B. Sidda Reddy, J. Suresh Kumar, K. Vijaya Kumar Reddy</i>
260 – 267	Wavelet Decomposition for the Detection and Diagnosis of Faults in Rolling Element Bearings <i>J. Chebil, G. Noel, M. Mesbah, M. Deriche</i>
268 -271	Acoustic Diagnosis Technique for Machine Condition Monitoring <i>M. A. Nawafleh, N. Al-Kloub</i>
272 – 279	Vibration Analysis of Plates With Spot Welded Stiffeners <i>S. M. Nacy, N. K. Alsaheb, F. F. Mustafa</i>
280 – 293	Optimal Forward Kinematics Modeling of Stewart Manipulator Using Genetic Algorithms <i>A. Omran, M. Bayoumi, A. Kassem, G. El-Bayoumi</i>
294 - 305	An Intelligent Machine Condition Monitoring System Using Time-Based Analysis: Neuro-Fuzzy Versus Neural Network <i>M. Samhoury, A. Al-Ghandoor, S. A. Ali, I. Hinti, W. Massad</i>
306 - 311	Effect of Exhaust Gas Recirculation (EGR) on the Performance and Emission Characteristics of Diesel Engine with Sunflower Oil Methyl Ester <i>K. Rajan, K. R. Senthilkumar</i>
312 – 321	The Use of Rational Design in the Development of an Improved Plug Tool for the Rotary Tube Widening Process <i>S. D. Al-Shobaki, A. K. A. Al-Dahwi, R. H. Fouad</i>

---