



Contents :

- Increasing the Accuracy of the Range Corrections for the Air
Virtual Temperature** 01-16
Vladimir Cech, Ondrej Rozehnal
- Micro-Electro-Mechanical System (MEMS) Application and
Prospects in Automobile** 17-21
OTejas S. Fanse
- Pushover and Time-History Analyses for Seismic Performance
Based Analysis of Reinforced Concrete Frames** 33-48
Dr.P.Asha
- Second Law Applied to a Straight Microchannel Printed Circuit
Heat Exchanger using TiO₂ and Al₂O₃ as Nanoparticles** 49-62
Élcio Nogueira, José Tomaz da Silva Teixeira
- Stabilization of Expansive Soil Using Fly Ash in India** 63-71
Adhyatma Khare, Dr. S.K. Jaiswal