Contents

Vol. 21, No. 4, 2012

A simultaneous English language translation of this journal is available from Pleiades Publishing, Ltd. Distributed worldwide by Springer. *Journal of Engineering Thermophysics* ISSN 1810-2328.

Numerical Procedures for Natural Gas Accurate Thermodynamic Properties Calculation	
M. Farzaneh-Gord and H. R. Rahbari	213
Flow Patterns and Heat-Transfer Characteristics of a Top Heat Mode Closed-Loop Oscillating Heat Pipe with Check Valves (THMCLOHP/CV)	
S. Thongdaeng, S. Rittidech, and B. Bubphachot	235
A New Correlation Based on Artificial Neural Networks for Predicting the Natural Gas Compressibility Factor	
Maryam Baniasadi, A. Mohebbi, and Mehdi Baniasadi	248
Influence of Magnetic Field by Free Convection Flow Past an Impulsively Started Vertical Cylinder in the Presence of Dufour and Soret Effects	
G. Palani	259