

Contents

R. MOSDORF: Chaotic oscillations of the heating surface temperature	3
S. SIENIUTYCZ: Thermodynamic limits for work-assisted and solar assisted mass transfer operations	5
D. BZOWSKA: Sensitivity of energy demand to temperature, solar radiation and wind in domestic dwellings	11
A. J. OSIADACZ AND M. CHACZYKOWSKI: Thermodynamics of pipeline gas flow	23
A. FIC, J. KOZIO, J. SKOREK: Mathematical model of heat transfer within droplet during spray cooling of water	33
T. ORZECOWSKI: Analysis of the boiling heat transfer from a microstructure – covered film	51
Book Review	107