

Contents

S. POLESEK-KARCZEWSKA: The effect of boundary conditions on effective thermal conductivity of heterogeneous materials in transient state	3
M. TRELA, R. KWIDZIŃSKI: Modelling of physical phenomena in supercritical two-phase steam injector	15
P. KONIORCZYK AND J. ZMYWACZYK: Effect of thermal conductivity reduction in determination of thermal conductivity of semi-transparent media in the aspect of analytical analysis and radiation heat transfer equation	35
A. J. PANAS: B-spline approximation of DSC data of specific heat of NiAl and NiCr alloys	47
K. RUP: Determination of the local overall heat transfer coefficient on plastic tube walls	67