

Contents

J.T. CIEŚLIŃSKI, T.Z. KACZMARCZYK: Pool boiling of nanofluids on rough and porous coated tubes: experimental and correlation	3
M.R. RZAŚA: Comparison of selected theoretical models of bubble formation and experimental results	21
M. JOACHIMIAK, M. CIAŁKOWSKI AND J. BARTOSZEWICZ: Analysis of temperature distribution in a pipe with inner mineral deposit	37
A. BALICKI AND Ł. BARTELA: Characteristics modeling for supercritical circulating fluidized bed boiler working in oxy-combustion technology	51
P. KUCZYŃSKI AND R. BIAŁECKI: Radiation heat transfer model using Monte Carlo ray tracing method on hierarchical ortho-Cartesian meshes and non-uniform rational basis spline surfaces for description of boundaries	65
M. WENGEL, B. MIŁASZEWICZ AND R. ULBRICH: Some problems of hydrodynamics of two-phase flow mixtures in minichannels	93
W. ROETZEL AND CH. NA RANONG: Evaluation of residence time measurements on heat exchangers for the determination of dispersive Peclet numbers	103
D. TALER AND J. TALER: Steady-state and transient heat transfer through fins of complex geometry	117
ERRATA	135