

Contents

P. KRAWCZYK, K. BADYDA, J. SZCZYGIEL, S. MŁYNARZ: Investigation of exhaust gas temperature distribution within a furnace of a stoker fired boiler as a function of its operating parameters	3
A. GRZEBIELEC, A. RUSOWICZ, M. JAWORSKI, R. LASKOWSKI: Possibility of using adsorption refrigeration unit in district heating network	15
T. KOWALCZYK, P. ZIÓŁKOWSKI, J. BADUR: Exergy analysis of the Szewalski cycle with a waste heat recovery system	25
R. LASKOWSKI, A. RUSOWICZ, A. GRZEBIELEC: Estimation of a tube diameter in a ‘church window’ condenser based on entropy generation minimization	49
A. BŁASZCZUK: Effect of flue gas recirculation on heat transfer in a supercritical circulating fluidized bed combustor	61
K. MOTYLIŃSKI, J. KUPECKI: Modeling the dynamic operation of a small fin plate heat exchanger – parametric analysis	85
R. WYCZÓLKOWSKI: Analysis of components effecting free convection intensity in steel rectangular sections	105
M. WOŁOWICZ, J. KUPECKI, K. WAWRYNIUK J. MILEWSKI, K. MOTYLIŃSKI: Analysis of nodalization effects on the prediction error of generalized finite element method used for dynamic modeling of hot water storage tank	123
A. RUSOWICZ, M. LESZCZYŃSKI, A. GRZEBIELEC, R. LASKOWSKI: Experimental investigation of single-phase microjet cooling of micro-electronics	139
A. CEBULA: Experimental and numerical investigation of thermal flow meter ...	149
S. MOREL: The influence of a radiated heat exchanger surface on heat transfer .	161