

Contents

D. TALER: Experimental and numerical predictions of the heat transfer correlations in the cross-flow plate fin and tube heat exchangers	3
J. T. CIEŚLIŃSKI and W. TARGAŃSKI: Horizontal flow boiling of R22, R134a and their mixtures with oil in smooth and enhanced tubes	19
J. KUŚ and T. R. FODEMSKI: Simulation of frost deposition on the surface of elliptical cylinder	41
S. SIENIUTYCZ: A simple chemical engine in steady and dynamic situations	57
W. GAJEWSKI and M. KOSOWSKA-GOLACHOWSKA: The thermal fragmentation of coal in a bubbling fluidized bed	85