

Contents

L. BOGUSŁAWSKI: Professor Józef Pientka (1925 – 2005)	3
W. ROETZEL and X. LUO: Thermal analysis of heat exchanger networks.....	5
P. DUDA: Identification of transient thermal boundary conditions in complex- shape bodies	17
J. TALER, T. SOBOTA and A. CEBULA: Determining local heat transfer coeffi- cients on the circumference of smooth and longitudinally finned tubes	35
D. MIKIELEWICZ and J. MIKIELEWICZ: Modelling of heat transfer in flow boiling	53
B. CALCAGNI, C. DI PERNA and M. PARONCINI: Influence of the position of a heating stripe on the natural convective heat transfer in a square cavity	65