

C O N T E N T S

Kaiser M. and Wierciński Z.: Flow field behind the wake generator	3
Cieśliński T. J. and Targański W.: Investigation of R 22 and R 134a flow boiling in enhanced tubes	21
Lucas D., Krepper E. and Prasser H.-M.: Evolution of flow patterns, gas fraction profiles and bubble size distributions in gas-liquid flows in vertical tubes	37
Yadigaroglu G.: Application of cascades of CFD methods to two-phase flow problems	47
Chen Y., Groll M., Mertz R. and Kulenovic R.: Force analysis for isolated bubbles growing from smooth and evaporator tubes	57
Brauner N. and Ullmann A.: Prediction of holdup in liquid slugs	75
Wójcik T. M.: Experimental investigations into intra-layer boiling crisis and hysteresis in metal, fibrous, porous coverings	91
Pastuszko R.: Temperature field in two-layer fins immersed in boiling water	103
Gumkowski S.: Experimental investigations of hydraulic jump created by a two-phase impinging jet on a solid surface	119
Nowakowska H., Stańco J. and Zakrzewski Z.: Plasma parameters in a surface wave discharge in nitrogen at atmospheric pressure	125

Rządkowski R. and Kovalyov A.: 2D inviscid flutter of the mistuned Fourth and First Standard Configuration	139
Rządkowski R. : Comparison of the linear and nonlinear cumulative damage theories in transient analysis of a tuned and mistuned turbine blades	155
Gnutek Z.: Determination of the amount of medium in working chambers of multi-vane rotational machines	171