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CONTENTS

- S. SALVADOR, Y. KARA and J.-M. CRUSSOL 1871 Improving VOC recuperative incinerators performances by increasing turbulence levels inside the combustion chamber—experimental results
- S. MURILLO, J. L. MÍGUEZ, J. PORTEIRO, L.M. LÓPEZ GONZÁLEZ, E. GRANADA and J. C. MORÁN 1882 LPG: Pollutant emission and performance enhancement for spark-ignition four strokes outboard engines
- W.-H. YANG, J.-Z. ZHANG and H.-E. CHENG 1894 The study of flow characteristics of curved microchannel
- T. T. CHOW, A. L. S. CHAN, K. F. FONG and Z. LIN 1908 Hong Kong solar radiation on building facades evaluated by numerical models
- C. TIAN and X. LI 1922 Transient behavior evaluation of an automotive air conditioning system with a variable displacement compressor
- A. POULLIKAS 1949 Operating cost and water economy of mixed air steam turbines
- M. SHAMSUZZOHA, M. LEE and S. S. ALAM 1961 The determination of superheated layer thickness and wall superheat in vertical tube natural circulation reboiler
- K. CIZUNGU, M. GROLL and Z. G. LING 1979 Modelling and optimization of two-phase ejectors for cooling systems
- E. CARLUCCIO, G. STARACE, A. FICARELLA and D. LAFORGIA 1995 Numerical analysis of a cross-flow compact heat exchanger for vehicle applications
- C. YANG and P. K. BANSAL 2014 Numerical investigation of capillary tube-suction line heat exchanger performance
- A. CAMPO 2029 Quick identification of gases for enhancing heat transfer in turbulent pipe flows using standard correlation equations for the convective coefficient and the friction factor



CONTENTS C_odirect

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