

Volume 29, Number 11, October 2005
ISSN 1359-4311

APPLIED THERMAL ENGINEERING

Editor-in-Chief: *David A. Reay*

DESIGN · PROCESSES · EQUIPMENT · ECONOMICS

Also available on

SCIENCE  DIRECT®

www.sciencedirect.com



PERGAMON

APPLIED THERMAL ENGINEERING

DESIGN · PROCESSES · EQUIPMENT · ECONOMICS

Volume 24, Number 7

May 2004

CONTENTS

- | | | |
|---|------|---|
| O. GARCÍA-VALLADARES | 949 | Review of numerical simulation of capillary tube using refrigerant mixtures |
| M. R. KULKARNI | 967 | Critical radius for radial heat conduction: a necessary criterion but not always sufficient |
| E. OZDEMIR | 981 | Energy conservation opportunities with a variable speed controller in a boiler house |
| P. SAKULCHANGSATJATAI,
P. TERDTOON,
T. WONGRATANAPHISAN,
P. KAMONPET and M. MURAKAMI | 995 | Operation modeling of closed-end and closed-loop oscillating heat pipes at normal operating condition |
| K. ÇOMAKLI, B. YÜKSEL and
Ö. ÇOMAKLI | 1009 | Evaluation of energy and exergy losses in district heating network |
| A. SÖZEN, M. ÖZALP and
E. ARCAKLIOGLU | 1019 | Prospects for utilisation of solar driven ejector-absorption cooling system in Turkey |
| Y. YAO, Z. LIAN and Z. HOU | 1037 | Thermal analysis of cooling coils based on a dynamic model |
| Y. Z. LU, R. Z. WANG,
S. JIANZHOU, Y. X. XU
and J. Y. WU | 1051 | Practical experiments on an adsorption air conditioner powered by exhausted heat from a diesel locomotive |
| Y. H. ZURIGAT and
M. K. ABU-ARABI | 1061 | Modelling and performance analysis of a regenerative solar desalination unit |
| X. LI, J. CHEN, Z. CHEN, W. LIU,
W. HU and X. LIU | 1073 | A new method for controlling refrigerant flow in automobile air conditioning |
| C. CRISTOFARI, G. NOTTON
and A. LOUCHE | 1087 | Study of the thermal behaviour of a production unit of concrete structural components |
| I. PILATOWSKY, W. RIVERA
and J. R. ROMERO | 1103 | Performance evaluation of a monomethylamine-water solar absorption refrigeration system for milk cooling purposes |

CONTENTS
direct

This journal is part of **ContentsDirect**, the **free** alerting service which sends tables of contents by e-mail for Elsevier books and journals. You can register for **ContentsDirect** online at: <http://contentsdirect.elsevier.com>



1359-4311(200405)24:7;1-H

Indexed/Abstracted in: *Appl. Mech. Rev., Res. Alert, Cam. Sci. Abstr., Chemical Abstracts Service, Curr. Cont./Eng. Tech. & Appl. Sci., Curr. Tech. Ind., EIC Intell., Eng. Ind., Metals Abstr., Curr. Cont. SCISEARCH Data., TCEA*