

	<i>Page</i>
I. G. SHEKRILADZE and G. I. ZHORZHOLIANI: On vapour boundary layer separation conditions at condensation on a cylinder in a transverse flow	678
O. M. ALIFANOV: Solution of inverse heat conduction problem by iteration methods	682
L. K. TSABEK: Sorption dynamics in porous media	690
V. G. PRONKO: Effect of the heat transfer rate and coolant (heat transfer agent) flow parameters on the cooling and heating rate of bodies	696
A. M. MAKAROV, V. V. LEONOV and G. N. SHVEDOVA: Spherically symmetric Stefan problem with the boundary condition of the third kind	701
A. V. AMELIYANCHIK, I. I. MAKAROV, T. B. SHIROLAPOVA and E. A. PROKHOROVA: Electronic-digital-computer calculations of temperature fields at steel ingot solidification in a mold	705
D. M. YANBULATOV and N. M. TSIRELMAN: Variational solution of a heat conduction problem for regions with movable boundaries	714
R. G. ISAEV: Thermomechanical behaviour of multi-component continuum interacting with an electromagnetic field	720
G. N. GUSENKOV and I. M. CHIRKOV: Solution of one nonlinear problem in thermal investigations	727
YU. I. BABENKO: Determination of variable heat transfer coefficient for a thin semi-infinite rod	732
A. G. GORELIK: On the radius of a tube with heat sources (sinks)	735
V. A. FEDOSOV: Determination of thermal diffusivity of pyro-electric materials	738
B. N. BABICH, A. F. ZVEREV, A. V. LOGUNOV and N. V. PETRUSHIN: Thermophysical properties of disperse-forced nickel	742
A. A. VOLOSHKO: Rate of vapour bubbles grows on a heating surface	744
VU ZUI QUANG: Conjugated free-convection problem in a vertical channel with heat release from high-frequency electric current	747
LEV ABRAMOVICH VULIS	754
<i>Chronicle</i>	
Z. P. SHULMAN: The conferences of the readers of the Journal of Engineering Physics in Baku and Erevan (1973)	756
L. L. VASILIEV: First International Heat Pipe Conference	757

*Int. J. Heat Mass Transfer*, Vol. 18, p. 350. Pergamon Press 1975. Printed in Great Britain

## ANNOUNCEMENTS

### USE OF SI UNITS IN THE INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER

The desirability of encouraging Authors to use SI units, and of ultimately insisting on their use, has been discussed and supported at several Editors Meetings. A related article, prepared by Professor A. J. Ede, appeared in the May 1971 edition of the Journal. At

its last meeting, the Editors agreed that, from the 1st January, 1976, SI units are to be obligatory. Dimensions in other units may be published but only in addition to those in SI units.

### JOINT ANNOUNCEMENT TO SUBSCRIBERS AND SUBSCRIPTION AGENCIES FROM ELSEVIER SCIENTIFIC PUBLISHING COMPANY AND PERGAMON PRESS LIMITED

Elsevier and Pergamon are pleased to announce the joint publication of a journal under the title *International Journal of Multiphase Flow*. This journal is the amalgamation of two separate journals recently announced: the former Elsevier journal *Multi-Phase Flow* (initially entitled *International Journal of Multi-Phase Flow*) and the former Pergamon journal *The International Journal of Multiphase Flow*.

The merger of the two journals has been carried out in the interests of the scientists working in the field of multiphase flow and in order to avoid unnecessary duplication.

Production and distribution of the joint journal will

be in the hands of Pergamon and all subscription orders, queries and claims should be sent to:

Circulation Department,  
Pergamon Press Limited,  
Headington Hill Hall,  
Oxford,  
OX3 0BW.  
(England)

Orders already received by Elsevier for their journal have been forwarded to Pergamon for processing and they will not, of course, be duplicated.