Int. J. Heat Mass Transfer. Vol. 20, p. 891. Pergamon Press 1977. Printed in Great Britain

ERRATUM

C. E. Chang and W. R. Wilcox, Analysis of surface tension driven flow in floating zone melting, *Int. J. Heat Mass Transfer* **19**, 355–366 (1976).

The last two terms in equation (4) on p. 357 should read

$$+ RGr_h(\partial\theta/\partial R) + RGr_m(\partial\Phi/\partial R) = 0. \tag{4}$$

The last entry in Table 1 on p. 359 (for $M = 350$, $Gr_h = 775$) should read

$V_r = 77$	$\omega = 2354$	$(-)$	$(-)$
$Z = 0$	$Z = 0.1$	$Z = 0.1$	$Z = 0.4$
$R = 0.9$	$R = 0.9$	$R = 0.9$	$R = 0.77$
		$(+)$	$(+)$
		$Z = -0.1$	$Z = -0.5$
		$R = 0.9$	$R = 0.8$.

Figure 8 should be replaced by the revised figure below. Note that the omission of R in equation (4) led to small errors, and that the influence of gravity is even less than it seemed previously. Subsequent additional calculations have shown that buoyancy-driven flow becomes more important as the zone diameter increases (free surface to volume ratio decreases).

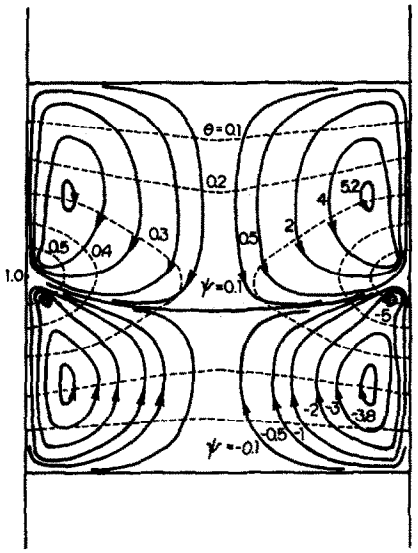

FIG. 8.