Int. J. Heat Mass Transfer. Vol. 17, p. 960. Pergamon Press 1974. Printed in Great Britain

ERRATUM

E. A. Trowbridge and J. H. Karran, A discussion of critical parameters, *Int. J. Heat Mass Transfer* **16**, 1833–1848 (1973).

Equation 1.8 should read

$$\phi\left\{[\psi_m-\psi(b)]\left(\frac{b-x}{b-x_0}\right)\right\}\leqslant\phi(\psi)\leqslant\phi(\psi_m).$$

Page 1837, Line 21: It might be possible.

Page 1837, Line 39: Hence, $\psi>0$ in the limiting case $\lambda\to 0$.

Page 1838, Line 41: ψ are bounded above by a composite expression.

Page 1838, Equation (1.23):

$$\frac{\lambda}{\Lambda_0}=\left\{\frac{\displaystyle\int_a^b[f\hat{\psi}_0\psi\phi(\psi)/\phi(\psi)]\,\mathrm{d}x}{\displaystyle\int_a^b f\hat{\psi}_0\phi(\psi)\,\mathrm{d}x}\leqslant\max_{\psi\geqslant 0}\frac{\psi}{\phi(\psi)}\right.$$

$$\left.\left\{1+\frac{\displaystyle\int_a^b f\hat{\psi}_0 G(\psi)\,\mathrm{d}x}{\displaystyle\int_a^b f\hat{\psi}_0\psi\,\mathrm{d}x}\right\}^{-1}\leqslant\frac{\psi_m}{\psi_{m+1}}.\right.$$

Page 1838, Line 9: system (1.21) and (1.22).

Page 1838, Line 20: $I_2=\frac{1}{2}e_{ij}e_{ij}$ is the second invariant of e_{ij}.

Page 1840, Equation (3.13):

$$G(n-1)\phi_{\max\mathrm{crit}}=1{\cdot}187.$$

Page 1841, Equation (3.21):

$$t_{rz}=2^{-2s}C_0e^{-b(T-T_0)}\left\{\left(\tfrac{1}{2}\frac{\mathrm{d}v_z}{\mathrm{d}r}\right)^2\right\}^{-s}\frac{\mathrm{d}v_z}{\mathrm{d}r}.$$

Page 1841, Equation (3.23):

$$t_{rz}=\frac{\mathrm{d}p}{\mathrm{d}z}\cdot\frac{r}{2}.$$

Page 1841, Equation (3.24):

$$\frac{\mathrm{d}v_z}{\mathrm{d}r}=\operatorname{sgn}\frac{\mathrm{d}p}{\mathrm{d}z}\left(\frac{\left|\dfrac{\mathrm{d}p}{\mathrm{d}z}\right|\dfrac{r}{2}e^{b(T-T_0)}}{C_0}\right)^{\frac{1}{1-2s}}.$$

Page 1841, Equation (3.25):

$$\frac{K}{r}\frac{\mathrm{d}}{\mathrm{d}r}\left(r\frac{\mathrm{d}T}{\mathrm{d}r}\right)+\left|\frac{\mathrm{d}p}{\mathrm{d}z}\right|\frac{r}{2}\left\{\frac{\left|\dfrac{\mathrm{d}p}{\mathrm{d}z}\right|\dfrac{r}{2}e^{b(T-T_0)}}{C_0}\right\}^{\frac{1}{1-2s}}=0.$$

Page 1841, After equation (3.27):

where,

$$\lambda=\frac{b\left|\dfrac{\mathrm{d}p}{\mathrm{d}z}\right|^n R^{n+2}}{GK2^nC_0^{n-1}}.$$

Page 1842, Line 15:

The smallest positive root of this equation.