ERRATA

In "Heat, Mass and Momentum Transfer Analogies for Fully-Developed Turbulent Flow of Power-Law Fluids in Circular Tubes" by W. B. Krantz and D. T. Wasan [6, 1360 (1971)], Equation (36) should read

$$I(n, N_{Re}) = -2.42 \ln \left\{ \left(\frac{3n+1}{8n} \right) [N_{Re} (\sqrt{f/2})^{2-n_8 n-1}]^{1/n} + 3.63 + 0.984 \sqrt{2/f} \right.$$

All computations and conclusions in this paper were based on the correct form of $I(n, N_{Re})$ given above.

William B. Krantz

In "Flow of Viscoelastic Fluids through a Rectangular Duct" by C. D. Han [17, No. 6, 1418 (1971)], Equations (9) to (12), (15) to (16), (19) to (20), (22) to (23), (25) to (29), (39) to (40), and (46) to (47) should be corrected as shown below:

$$\tau_{xx} + \frac{2\lambda_1}{3}(v_{z,x}\tau_{zx} + v_{z,y}\tau_{zy}) = \frac{2\eta_0\lambda_2}{3}[(v_{z,y})^2 + (v_{z,x})^2] \quad (9)$$

$$\tau_{yy} + \frac{2\lambda_1}{3}(v_{z,y}\tau_{zy} + v_{z,x}\tau_{zx}) = \frac{2\eta_0\lambda_2}{3}[(v_{z,x})^2 + (v_{z,y})^2] \quad (10)$$

$$\tau_{xy} = 0 \quad (11)$$

$$\tau_{zz} - \frac{4\lambda_1}{3}(v_{z,x}\tau_{zx} + v_{z,y}\tau_{zy}) = -\frac{4\eta_0\lambda_2}{3}[(v_{z,x})^2 + (v_{z,y})^2] \quad (12)$$

$$\tau_{zx} - \lambda_1 v_{z,x}\tau_{xx} = \eta_0 v_{z,x} \quad (15)$$

$$\tau_{zy} - \lambda_1 v_{z,y}\tau_{yy} = \eta_0 v_{z,y} \quad (16)$$

$$(\tau_{xx})_{a,y} + \frac{2\lambda_1}{3}(v_{z,x})_{a,y}(\tau_{zx})_{a,y} = \frac{2\eta_0\lambda_2}{3}(v_{z,x})^2{}_{a,y} \quad (19)$$

$$(\tau_{zz})_{a,y} - \frac{4\lambda_1}{3}(v_{z,x})_{a,y}(\tau_{zx})_{a,y} = -\frac{4\eta_0\lambda_2}{3}(v_{z,x})^2{}_{a,y} \quad (20)$$

$$(\tau_{yy})_{x,b} + \frac{2\lambda_1}{3}(v_{z,y})_{x,b}(\tau_{zy})_{x,b} = \frac{2\eta_0\lambda_2}{3}(v_{z,y})^2{}_{x,b} \quad (22)$$

$$(\tau_{zz})_{x,b} - \frac{4\lambda_1}{3}(v_{z,y})_{x,b}(\tau_{zy})_{x,b} = -\frac{4\eta_0\lambda_2}{3}(v_{z,y})^2{}_{x,b} \quad (23)$$

$$(\tau_{zz} - \tau_{xx})_{a,y} = [2\eta_0(\lambda_1 - \lambda_2) + 2\lambda_1{}^2(\tau_{xx})_{a,y}](v_{z,x})^2{}_{a,y} \quad (25)$$

$$(\tau_{xx})_{a,y} = \frac{-\frac{2}{3}\eta_0(\lambda_1 - \lambda_2)(v_{z,x})^2{}_{a,y}}{1 + \frac{2}{3}\lambda_1{}^2(v_{z,x})^2{}_{a,y}} \quad (26)$$

$$-(v_{z,x})_{a,y} = \sqrt{\frac{(\tau_{zz} - \tau_{xx})_{a,y}}{A - B(\tau_{zz} - \tau_{xx})_{a,y}}} \quad (27)$$

$$\left.\begin{aligned} A &= 2\eta_0(\lambda_1 - \lambda_2) \\ B &= \frac{2}{3}\lambda_1{}^2 \end{aligned}\right\} \quad (28)$$

$$-(v_{z,y})_{x,b} = \sqrt{\frac{(\tau_{zz} - \tau_{yy})_{x,b}}{A - B(\tau_{zz} - \tau_{yy})_{x,b}}} \quad (29)$$

$$-(v_{z,x})_{a,y} = \sqrt{\frac{P_{a,y}}{A - BP_{a,y}}} \quad (39)$$

$$-(v_{z,y})_{x,b} = \sqrt{\frac{P_{x,b}}{A - BP_{x,b}}} \quad (40)$$

$$m = \frac{a}{V_m}\sqrt{\frac{P_{a,0}}{A - BP_{a,0}}} \quad (46)$$

$$n = \frac{b}{V_m}\sqrt{\frac{P_{0,b}}{A - BP_{0,b}}} \quad (47)$$

I regret these errors and the inconveniences that arose from them. It is to be noted that this correction will slightly change the computed results in Figures 12 and 13, but not affect the main conclusions given in the paper.

C. D. Han

In a Letter to the Editor from B. I. Sokolov and A. A. Kharchenko [3, 669 (1972)], lines 9 and 10 in paragraph 3 should read . . . $T_r = 0.7$ to 2.6 and pressure $P_r = 0.1$ to 5 . . . .

R. C. Reid

In "Temperature Gradients in Turbulent Gas Streams" by Wu-Sun Chia and B. H. Sage [16, No. 1, 37 (1970)], Equations (2), (4), (6), and (9) should be corrected as shown below.

$$\underline{\epsilon}_m = \epsilon_m + \nu = \frac{\tau g}{\sigma \frac{du}{dy}} \quad (2)$$

$$\epsilon_m = \underline{\epsilon}_m - \nu = \frac{g\frac{dP}{dx}}{\sigma\frac{d^2u}{dy^2}} - \nu \quad (4)$$

$$\underline{\epsilon}_c = \epsilon_c + K = \frac{\mathring{q}}{C_p\,\sigma}\,\frac{dy}{dt} \quad (6)$$

$$\underline{N_{Pr}} = \frac{\underline{\epsilon}_m}{\underline{\epsilon}_c} = \frac{C_p\,\tau\,\sigma}{\mathring{q}\cdot}\,\frac{dt}{du} \quad (9)$$

B. H. Sage

The work reported in the R & D Note "Linearization—An Efficient Alternate for the Estimation of Parameters" by E. J. Schlossmacher was done while Schlossmacher was affiliated with the Department of Chemical Engineering, University of Puerto Rico.

Raul Chao

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