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CORRIGENDA

Baroclinic instability of Kirchhoff's elliptic vortex

By TAKESHI MIYAZAKI AND HIDESHI HANAZAKI

Journal of Fluid Mechanics, vol. 261 (1994), pp. 253–271

A systematic error has been found in the graphic code that was used to draw the disturbed vortex boundary and the stream function of the eigenmodes. Figures 2, 3, 4, 5 and 8 (both parts *a* and *b*) should be replaced by their mirror images. The phase shift from the major semi-axis is, then, $-\pi/4$ instead of $\pi/4$ (p. 259). Correspondingly, we have found sign-errors in (33) (p. 266) and (36) (p. 267). They should be modified to

$$\alpha = \frac{1}{2}\left(2 - \frac{\lambda_c I_0(\lambda_c)}{I_1(\lambda_c)}\right) = -0.3259, \tag{33}$$

$$A = |A(0)|\, e^{(|\alpha| + i\pi)\tau/4}. \tag{36}$$

Here, again, the phase shift is $-\pi/4$ instead of $\pi/4$ (p. 267).

Slow steady rotation of axially symmetric bodies in a viscous fluid

By R. P. KANWAL

Journal of Fluid Mechanics, vol. 10 (1961), pp. 17–24

The formula (40) for the frictional couple exerted on a hemisphere is incomplete. A term

$$4\mu\omega_0\left(\tfrac{2}{3}\pi c^3\right)$$

should be added to the expression for N, and the numerical coefficient 10.18 in (40) should consequently be replaced by 18.50.

My attention was drawn to the missing term soon after the publication of the paper but I failed to report it to the Editor. In view of the renewed interest in boundary-value problems in a viscous fluid I venture now to point out this correction.