

## CORRIGENDUM

GEORGE L. MELLOR

*Princeton University, Princeton, New Jersey*

In Mellor (2003), there were a number of small errors. Equations (4) and (11b) should be

$$u_L = \bar{u} + \frac{\partial \tilde{u}}{\partial x} \tilde{x} + \frac{\partial \tilde{u}}{\partial z} \tilde{z} = \overline{\frac{\partial \tilde{u}}{\partial x} \tilde{x} + \frac{\partial \tilde{u}}{\partial z} \tilde{z}} \quad \text{and} \quad (4)$$

$$P = \hat{p} + \bar{p} + p'; \quad (11b)$$

that is, the overbar extends over the first term in Eq. (4) and the subscripts  $i$  are dropped in Eq. (11b).

The second line below Eq. (14) should read “. . . can be extracted from  $\mathcal{U}_i$  . . .”.

Before Eq. (36b), it should read “and use  $\hat{u}_\alpha = U_\alpha - u_{s\alpha}$  to obtain”; that is, the final term does not have a tilde over it.

In the equation following Eq. (37), place a tilde instead of a carat over  $p$  in the first term on the right-hand side. Also replace  $\hat{u}_\alpha$  with  $U_\alpha$ . Expunge the entire following sentence beginning with “A term, . . .” that follows that equation.

In Eq. (52a), remove the tilde over  $u_{s\alpha}$  in the fifth term on the right-hand side.

The sixth line after Eq. (53) should read “Furthermore, substituting  $U_\alpha$  for  $\hat{u}_\alpha$  in (53) is also an acceptable approximation. . . .”

In Appendix A, in the seventh line from the bottom of page 1987, the symbol  $D$  is missing before the integral sign.

Note that a table of hyperbolic relations germane to this paper is available online (<http://www.aos.princeton.edu/WWWPUBLIC/htdocs.pom/PubOnLine/POL.html>).

### REFERENCES

Mellor, G. L., 2003: The three dimensional current and surface wave equations. *J. Phys. Oceanogr.*, **33**, 1978–1989.

---

*Corresponding author address:* George L. Mellor, AOS Program, Sayre Hall, Forrestal Campus, Princeton University, Princeton, NJ 08540-0710.  
E-mail: glm@splash.princeton.edu