CORRIGENDUM

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

\[ u_L = \bar{u} + \frac{\partial \bar{u}}{\partial x} \hat{x} + \frac{\partial \bar{u}}{\partial z} \hat{z} = \frac{\partial \bar{u}}{\partial x} \hat{x} + \frac{\partial \bar{u}}{\partial z} \hat{z} \quad \text{and} \]

\[ \tau = \bar{\rho} + \bar{p} \]

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 \( \tau \) ...”.

Before Eq. (36b), it should read “and use \( \bar{u}_n = U_n - u_{\text{ss}} \) 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 \( \bar{u}_n \) with \( U_n \). Expunge the entire following sentence beginning with “A term ...” that follows that equation.

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

The sixth line after Eq. (53) should read “Furthermore, substituting \( U_n \) for \( \bar{u}_n \) 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


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