CORRIGENDUM

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In Momen and Bou-Zeid (2016, p. 30), the second term on the right-hand side of Eq. (10) has a sign error and must be corrected as follows:

\[
\frac{\partial u}{\partial t} = -f_c (V_g - u) - \frac{\partial}{\partial z} \left( u \overline{w} \right),
\]

\[
\frac{\partial v}{\partial t} = f_c (U_g - u) - \frac{\partial}{\partial z} \left( v \overline{w} \right).
\]

Following this change, Eq. (11) also requires a modification as

\[
-\frac{\partial}{\partial z} \left( u \overline{w} \right) \simeq \frac{\partial}{\partial z} \left( \nu_T \frac{\partial u}{\partial z} \right) = \frac{\nu_T}{\partial z} \frac{\partial u}{\partial z} + \nu_T \frac{\partial^2 u}{\partial z^2} = -\alpha(z,t)u(z,t),
\]

\[
-\frac{\partial}{\partial z} \left( v \overline{w} \right) \simeq \frac{\partial}{\partial z} \left( \nu_T \frac{\partial v}{\partial z} \right) = \frac{\nu_T}{\partial z} \frac{\partial v}{\partial z} + \nu_T \frac{\partial^2 v}{\partial z^2} = -\alpha(z,t)v(z,t).
\]

The two sign changes cancel out and the subsequent equations and results remain unchanged.

REFERENCE


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