CORRIGENDUM

MOSTAFA MOMEN

Department of Earth System Science, Stanford University, Stanford, California, and Department of Civil and Environmental Engineering, Princeton University, Princeton, New Jersey

ELIE BOU-ZEID

Department of Civil and Environmental Engineering, Princeton University, Princeton, New Jersey

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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:

$$\begin{aligned}\frac{\partial u}{\partial t} &= -f_c(V_g - v) - \frac{\partial}{\partial z}(\overline{u'w'}), \\ \frac{\partial v}{\partial t} &= f_c(U_g - u) - \frac{\partial}{\partial z}(\overline{v'w'}).\end{aligned}$$

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

$$\begin{aligned}-\frac{\partial}{\partial z}(\overline{u'w'}) &\simeq \frac{\partial}{\partial z}\left(\nu_T \frac{\partial u}{\partial z}\right) = \frac{\partial \nu_T}{\partial z} \frac{\partial u}{\partial z} + \nu_T \frac{\partial^2 u}{\partial z^2} = -\alpha(z, t)u(z, t), \\ -\frac{\partial}{\partial z}(\overline{v'w'}) &\simeq \frac{\partial}{\partial z}\left(\nu_T \frac{\partial v}{\partial z}\right) = \frac{\partial \nu_T}{\partial z} \frac{\partial v}{\partial z} + \nu_T \frac{\partial^2 v}{\partial z^2} = -\alpha(z, t)v(z, t).\end{aligned}$$

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

REFERENCE

Momen, M., and E. Bou-Zeid, 2016: Large-eddy simulations and damped-oscillator models of the unsteady Ekman boundary layer. *J. Atmos. Sci.*, **73**, 25–40, doi: [10.1175/JAS-D-15-0038.1](https://doi.org/10.1175/JAS-D-15-0038.1).

Corresponding author: Elie Bou-Zeid, ebouzeid@princeton.edu

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