

Corrigendum

TOBIAS BISCHOFF

California Institute of Technology, Pasadena, California

TAPIO SCHNEIDER

ETH Zurich, Zurich, Switzerland, and California Institute of Technology, Pasadena, California

(Manuscript received and in final form 12 July 2016)

Bischoff and Schneider (2016) contained algebraic errors in approximations of the ITCZ location. Equation (11) therein should read as follows:

$$\delta \approx \frac{1}{a} \left[\frac{-6\langle \overline{vh} \rangle_0}{\partial_{yy}(S - \mathcal{L} - \mathcal{O})_0} \right]^{1/3} - \frac{2(S - \mathcal{L} - \mathcal{O})_0}{a\partial_{yy}(S - \mathcal{L} - \mathcal{O})_0} \left[\frac{-6\langle \overline{vh} \rangle_0}{\partial_{yy}(S - \mathcal{L} - \mathcal{O})_0} \right]^{-1/3}.$$

The original paper was missing a factor of $1/a$ in front of the second term on the right-hand side.

Also, Eq. (13) should read

$$\delta \approx \pm \frac{1}{a} \left[-\frac{6(S - \mathcal{L} - \mathcal{O})_0}{\partial_{yy}(S - \mathcal{L} - \mathcal{O})_0} \right]^{1/2} + \frac{\langle \overline{vh} \rangle_0}{2a(S - \mathcal{L} - \mathcal{O})_0}.$$

The original paper contained a factor of $1/3$ instead of $1/2$ in front of the second term on the right-hand side.

Finally, Eq. (B9) should read

$$0 = A + \delta_1 AB + 3C\delta_0^2 A\delta_1 \quad \Rightarrow \quad \delta_1 = -\frac{1}{B + 3C\delta_0^2} = \frac{1}{2B},$$

and, as a result, Eq. (B10) should read

$$\delta \approx \pm \left(-\frac{B}{C} \right)^{1/2} + \frac{A}{2B}.$$

The original paper contained a factor of $1/3$ instead of $1/2$ in front of the second term on the right-hand side.

These algebraic errors do not affect the results or conclusions presented in the paper.

Acknowledgments. We are grateful to Ori Adam for pointing out these errors.

REFERENCE

Bischoff, T., and T. Schneider, 2016: The equatorial energy balance, ITCZ position, and double ITCZ bifurcations. *J. Climate*, **29**, 2997–3013, doi:10.1175/JCLI-D-15-0328.1.

Corresponding author address: Tobias Bischoff, Division of Geological and Planetary Sciences, 1200 E. California Blvd., Pasadena, CA 91125.
E-mail: tobias@caltech.edu