Erratum to: Data analysis for the NASA EOS Aura Microwave Limb Sounder instrument

W. Van Snyder · Nathaniel J. Livesey ·
William G. Read · Zvi Shippony

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In this article, an error crept into Eqs. (16) and (17). The factor $\alpha(s)$ ought not to appear.

Equations (16) and (17), as they appeared, were

$$\frac{\partial I(s_r)}{\partial f_{lm}^k} = \int_{s_0}^{s_r} \alpha(s) \mathcal{T}(s, s_r) (B(s) - I(s)) \frac{\partial \alpha(s)}{\partial f_{lm}^k} ds \quad (16)$$

$$\frac{\partial I(s_r)}{\partial f_{lm}^k} = \int_{s_0}^{s_r} \alpha(s) \mathcal{T}(s, s_r) (B(s) - I(s)) \beta^k(s) \mu_{lm}^k(s) ds. \quad (17)$$

The factor $\alpha(s)$ ought not to appear. The equations should be

$$\frac{\partial I(s_r)}{\partial f_{lm}^k} = \int_{s_0}^{s_r} \mathcal{T}(s, s_r) (B(s) - I(s)) \frac{\partial \alpha(s)}{\partial f_{lm}^k} ds \quad (16)$$

$$\frac{\partial I(s_r)}{\partial f_{lm}^k} = \int_{s_0}^{s_r} \mathcal{T}(s, s_r) (B(s) - I(s)) \beta^k(s) \mu_{lm}^k(s) ds. \quad (17)$$

The online version of the original article can be found under doi:[10.1007/s13137-011-0020-3](https://doi.org/10.1007/s13137-011-0020-3).

W. V. Snyder (✉) · N. J. Livesey · W. G. Read · Z. Shippony
Jet Propulsion Laboratory, California Institute of Technology, 4800 Oak Grove Drive,
Mail Stop 183-701, Pasadena, CA 91109-8099, USA
e-mail: van.snyder@jpl.nasa.gov