


\[
\sigma_{hv}^0 = 10^{-2.35 \cos^2 \frac{\theta}{\sin^2 \theta}} 10^{0.046 \tan \theta (k_h \sin \theta)^{1.1}} 0.7. \tag{1}
\]

Also, P. Dubois’ biography reflected incorrect information. The paragraph is corrected to read as follows:


**Corrections to “Dielectric Properties of Soils in the 0.3–1.3-GHz Range”**

Neil R. Peplinski, Fawwaz T. Ulaby, and Myron C. Dobson

In the above paper,1 (2) contains errors. The corrected equation should read as follows:

\[
\epsilon_e = \left[1 + \frac{\rho_h}{\rho_s} (\epsilon_s - 1) + m_w \epsilon_s - m_w \right]^{1/2}.
\]

In addition, \( \epsilon_e \) is the dielectric constant of the soil solids and is given by the explicit expression

\[
\epsilon_s = (1.01 + 0.44 \rho_s)^2 - 0.062.
\]

Manuscript received June 19, 1995.

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IEEE Log Number 9415173.


**Corrections to “Measuring Soil Moisture with Imaging Radars”**

Pascale C. Dubois, Jakob van Zyl, and Ted Engman

In the above paper,1 (1) contains errors. The corrected equation should read as follows:

\[
\sigma_{hh}^0 = 10^{-2.35 \cos^2 \frac{\theta}{\sin^2 \theta}} 10^{0.046 \tan \theta (k_h \sin \theta)^{1.1}} 0.7.
\]

Manuscript received September 18, 1995.

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**Corrections to “Inferring Snow Wetness Using C-Band Data from SIR-C’s Polarimetric Synthetic Aperture Radar”**

Jiancheng Shi and Jeff Dozier

In the above paper,1 the following corrections should be noted. Equation (9) should be written as

\[
D_T(\theta_i, \epsilon_s) = \frac{\sigma_{vv}}{\sigma_{hh}} = \frac{T_{22}^0(\theta_i, \epsilon_s)}{T_{11}^0(\theta_i, \epsilon_s)}.
\]

Equation (18) should be written as

\[
\sigma_{hv}^{vh} - D_{TV}(\theta_i, \epsilon_s) \sigma_{vv}^{vv} = \sigma_{hv}^{vh}(\theta_i, \epsilon_s, S_R),
\]

\[\quad - D_{TV}(\theta_i, \epsilon_s) \sigma_{vv}^{vv}(\theta_i, \epsilon_s, S_R).\]

Equation (19) should be written as

\[
\sigma_{tt}^{hh} + \sigma_{tt}^{vv} = \frac{D_{TV}(\theta_i, \epsilon_s) + D_{TH}(\theta_i, \epsilon_s)}{D_{TV}(\theta_i, \epsilon_s) D_{TH}(\theta_i, \epsilon_s)} \sigma_{hv}^{vh}.
\]

In (22), \( M_2 \) should be written as

\[
M_2 = \sigma_{hh} + \sigma_{vv} - D_{TS} \sigma_{hv}^{vh}.
\]

Manuscript received September 19, 1995.

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