## Errata to

## Understanding Psychrometrics, third edition

 (2013)
## February 23, 2019

Page 316: In the third line of Equation A5-31, within the brackets, the term $p$ should be inside the brackets after the superscripted 2 . This line formerly read:

$$
\left.-2\left(1-\psi_{w, s}\right) 2 p B_{a w}-\left[p-p_{w, s}-\left(1-\psi_{w, s}\right)^{2}\right] p B_{w w}\right\}
$$

and should be

$$
\left.-2\left(1-\psi_{w}, s\right) 2 p B_{a w}-\left[p-p_{w, s}-\left(1-\psi_{w}, s\right)^{2} p\right] B_{w w}\right\}
$$

The correct equation in its entirety is:

$$
\begin{gathered}
\ln (f)=(R T)^{-1}\left[\left(1+\kappa_{T} p_{w, s}\right)\left(p-p_{w, s}\right)-0.5 \kappa_{T}\left(p^{2}-p_{w, s}^{2}\right)\right] \bar{v}_{w, s} \\
+\ln \left[1-\beta_{H}\left(1-\psi_{w, s}\right) p\right]+(R T)^{-1}\left\{\left(1-\psi_{w, s}\right)^{2} p B_{a a}\right. \\
\left.-2\left(1-\psi_{w, s}\right)^{2} p B_{a w}-\left[p-p_{w, s}-\left(1-\psi_{w, s}\right)^{2} p\right] B_{w w}\right\} \\
+(R T)^{-2}\left\{\left(1-\psi_{w, s}\right)^{3} p^{2} C_{a a a}+3\left[0.5-\left(1-\psi_{w, s}\right)\right]\left(1-\psi_{w, s}\right)^{2} p^{2} C_{a a w}\right. \\
-3 \psi_{w, s}\left(1-\psi_{w, s}\right)^{2} p^{2} C_{a w w}-0.5\left[\left(3-2 \psi_{w, s}\right) \psi_{w, s}^{2} p^{2}-p_{w, s}^{2}\right] C_{w w w} \\
\quad-\psi_{w, s}\left(-2+3 \psi_{w, s}\right)\left(1-\psi_{w, s}\right)^{2} p^{2} B_{a a} B_{w w} \\
\quad-2\left(-1+3 \psi_{w, s}\right)\left(1-\psi_{w, s}\right)^{3} p^{2} B_{a a} B_{a w} \\
+6 \psi_{w, s}^{2}\left(1-\psi_{w, s}\right)^{2} p^{2} B_{a w} B_{w w}-1.5\left(1-\psi_{w, s}\right)^{4} p^{2} B_{a a}^{2} \\
\quad-2 \psi_{w, s}\left(-2+3 \psi_{w, s}\right)\left(1-\psi_{w, s}\right)^{2} p^{2} B_{a w}^{2} \\
\left.\quad-0.5\left[p_{w, s}^{2}-\left(4-3 \psi_{w, s}\right) \psi_{w, s}^{3} p^{2}\right] B_{w w}^{2}\right\}
\end{gathered}
$$

