

Errata

Physics and Dynamics of Clouds and Precipitation

by Pao K. Wang, 2013. Cambridge University Press, 467pp

P. 91 5th line: “Using (4.5), we can change (4.2) into” should be “Using (4.5), we can change (4.3) into”

P.111 Eq. (5.9) should be changed to $(P_w - P_v) = \sigma \frac{dA}{dV_w}$,

Eq. (5.10) should be changed to
$$\begin{aligned} dA &= 8\pi a da \\ dV_w &= 4\pi a^2 da \end{aligned}$$

P. 115 Eq. (5.26), first integral should be changed to $\int_{\mu_{w,0}(0,T)}^{\mu_{w,0}(P,T)} \partial\mu_{w,0}$

P. 154 Problem 6.1, 4th line: the equation should be: $u_\infty \approx \frac{2}{9\eta_a} a^2 \rho_p g$

P. 163 Eq. (7.20) should be changed to $a_g = \frac{2M_w \sigma}{RT \rho_w \ln S_{v,w}}$

P. 191 Eq. (8.23) should be changed to
$$\begin{aligned} u_r &= U_\infty \cos \theta \left(1 - \frac{3a}{2r} + \frac{a^3}{2r^3} \right) \\ u_\theta &= -U_\infty \sin \theta \left(1 - \frac{3a}{4r} - \frac{a^3}{4r^3} \right) \end{aligned}$$

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