- Wrong:  

$$G = \frac{4}{\frac{\rho_{w}RT}{p_{v}^{*}D_{v}M_{w}} + \frac{\Delta H_{v}\rho_{w}}{k_{a}T[(\Delta H_{v}M_{w}/RT) - 1]}}$$
 (eq. 15)

Correct:

$$G = \frac{4}{\frac{\rho_{\scriptscriptstyle w}RT}{p_{\scriptscriptstyle v}^*D_{\scriptscriptstyle V}M_{\scriptscriptstyle w}} + \frac{\Delta H_{\scriptscriptstyle V}\rho_{\scriptscriptstyle w}[(\Delta H_{\scriptscriptstyle V}M_{\scriptscriptstyle w}/RT) - 1]}{k_{\scriptscriptstyle a}T}}$$

- In equation 22 there should be a multiplication symbol instead of ";".
- At the three lines after equation 22 there should be j instead of i.