Erratum

Analysis of Nonsolvent-Solvent-Polymer Phase Diagrams and Their Relevance to Membrane Formation Modeling

L. Yilmaz and A. J. McHugh, *Department of Chemical Engineering, University of Illinois, Urbana, Illinois 61801*

Page	Location	Should read:
998	Line 12	solvent (2), and concentrated phase A or dilute phrase B rather than the
999	Line preceding eq. 2	$\dfrac{\Delta\mu_i}{RT} = \dfrac{\partial}{\partial n_i}\left(\dfrac{\Delta G_m}{RT}\right)_{n,j,j\neq i}$
1000	eq. (6)	$G_{22}\,G_{33} \simeq (G_{23})^2$
1001	eq. (15)	$1 - \dfrac{\nu_1}{\nu_2}\left(\dfrac{\phi_1^c}{\phi_2^c}\right) - 3\dfrac{G_{22}}{G_{23}}\left(1 - \dfrac{G_{22}}{G_{23}}\right) - \left(1 - \dfrac{\nu_1}{\nu_3}\right)\left(\dfrac{\phi_1^c}{\phi_3^c}\right)^2\left(\dfrac{G_{22}}{G_{23}}\right)^3 = 0$
1003	eq. (17b)	$\dfrac{\Delta\mu_{2,B}}{RT} = \ln\phi_{2,B} + \left(1 - \dfrac{\nu_2}{\nu_1}\right)\phi_{1,B} + \dfrac{\nu_2}{\nu_1}g_{12}\,\phi_{1,B}^2 + \dfrac{\nu_2}{\nu_1}\phi_{2,B}\,\phi_{1,B}^2\,\dfrac{dg_{12}}{d\phi_{2,B}}$
1003	second line following eq. (17b)	For $\Delta\mu_{1,A}$ and $\Delta\mu_{2,A}$, eqs. (2) and (3) are used.
1007	Fig. 5, second line of subtitle	$g_{12} = -0.3$
1008	Table II C - 4th Column Heading	ϕ_3^c
1009	First line following eq. (21)	where α, β, γ are empirical coefficients.
1010	Table III 3rd subheading	$g_{12} = a + b\phi_2 + c\phi_2^2$
1011	Fig. 7 end of first line of subtitle	$g_{12} = 1.141 - 0.457\,u_2$
1013	Fig. 10, last line of subtitle	$\nu_2 = 0.25$, $\dfrac{\nu_1}{\nu_3} = 0.002$, $g_{13} = 1.1$, and $g_{23} = 0.4$.
1015	Table V - 4th subheading	$g_{23} = a + b\,\phi_3 + c\phi_3^2$