

## ERRATA

“Theory of Diffusion,” Chapter in Vol. 1 of *Advances in  
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R. B. Bird

- p. 166 In Eq. (27) change  $+k_i$  to  $-k_i$   
 p. 166 In the fifth line after Eq. (27) change “fifth and sixth terms”  
 to “terms containing  $p - T(\partial p/\partial T)$ ”  
 p. 168 In Eq. (35) replace  $c^2/\rho RT$  by  $-c^2/\rho RT$   
 p. 169 An important relation among the  $D_{ij}$  should be added:

$$\sum_{i=1}^r \{M_i M_h D_{ih} - M_i M_k D_{ik}\} = 0 \quad (36a)$$

- p. 173 In Table III change  $\mathbf{j}_A + \mathbf{j}_A = 0$  to  $\mathbf{j}_A + \mathbf{j}_B = 0$ .  
 p. 173 In Table III change  $\omega_A(\mathbf{n}_A + \mathbf{n}_A)$  to  $\omega_A(\mathbf{n}_A + \mathbf{n}_B)$ .  
 p. 184 The location of the minimum in the potential energy curve should  
 be labeled  $r = r_m$  and  $\varphi = -\epsilon$ .  
 p. 185 In line 5 change (6-12) to (6-exp)  
 p. 201 In the 4th line after Eq. (121) change  $= 1$  to  $= p$ .  
 p. 202 Eq. (127) should read:

$$Q_A = 4\pi r_1^{-n/2} [r_1^{-1-\frac{n}{2}} - r_2^{-1-\frac{n}{2}}]^{-1} \left(1 + \frac{n}{2}\right) \cdot \left(\frac{p_{AB,1}}{RT_1}\right) \ln \frac{p_{B2}}{p_{B1}}$$

- p. 204 In the line just after Eq. (134b) change  $\tilde{V}_B = \tilde{V}_B$  to  $\bar{V}_B = \tilde{V}_B$ .  
 p. 205 On the left side of Eq. (134e) replace  $(x_{AL}/x_{A0})$  by  $(x_{A0}/x_{AL})$ .  
 p. 212 In Eq. (161) change  $c_{A0}$  in numerator of left hand side to  $c_A$   
 p. 214 Eq. (169) should read

$$\begin{aligned} N_A &= k_L(c_{A0} - c_A)_{l.m.} \\ &= k_L \left[ \frac{\bar{c}_{A2} - c_{A1}}{\ln \left( \frac{c_{A0} - \bar{c}_{A2}}{c_{A0} - c_{A1}} \right)} \right] \end{aligned}$$

- p. 222 In Eq. (203) change  $v_{A0}$  and  $v_{B0}$  to  $u_{A0}$  and  $u_{B0}$