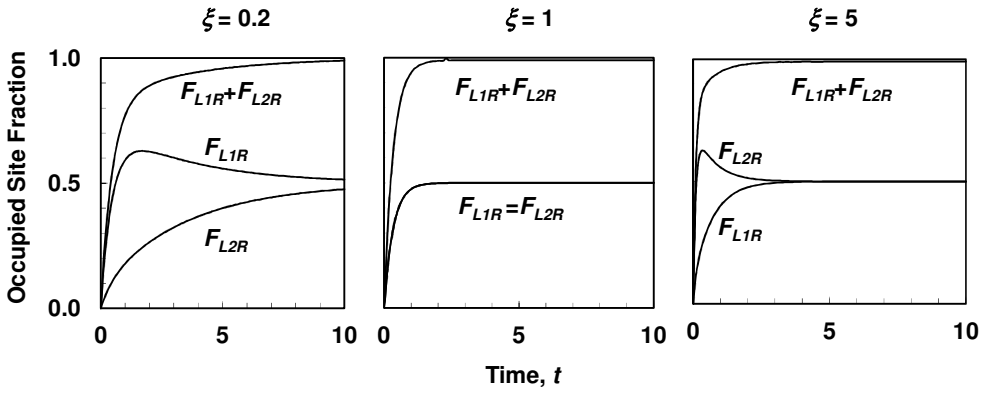
chapter	page	line	correction
1	7		In Eq. 1.1-5, replace subscript "10" on first "H" with subscript "12" and replace subscript "5" on second "C" with "6"
3	48		In Eq. 3.5-8, remove subscript "i" from the "G" symbol
3	51		In the second line of Eq. 3.5-26, replace "$C_6H_{11}O_6PO_4^{-2}$" with "$C_6H_{11}O_6PO_3^{-2}$" Also replace "$H(C_5H_{10}O_5)_nOH$" with "$H(C_6H_{10}O_5)_nOH$"
5	93		In first line of Eq. 5.5-12, replace "$\kappa_{p2} = C_{Hb_4O_4} / C_{Hb_4O_2} p_{O_2}$" with "$\kappa_{p1} = C_{Hb_4O_2} / C_{Hb_4} p_{O_2}$"
5	97		In Eq. 5.5-27, replace "$= \hat{C}^{plasma}_{HCO_3^-} / c^o_G =$" with "$= C^{plasma}_{HCO_3^-} / c^o_G =$"
5	98		The units on Eq. 5.5-35 should be "ml(STP)/min"
6	110		Delete "=0" from the right side of Eq. 6.2-5
6	117		In Eq. 6.4-9, replace "x_s" with "x_{ca}"
7	134		In table 7.3-3, replace "$A_2\times10^4$," heading of fourth column with "$A_3\times10^4$,"
7	143	11,13	Replace the five occurrences of "C_s^{pa}" with "C_s^p"
7	144		Delete the "$\frac{1}{\varepsilon}$" from Eq. 7.5-1a
7	145		In Eq. 7.5-3, replace "$= \frac{D_s^\infty}{h} \exp...$" with "$= \frac{\varepsilon \mathcal{D}_s^\infty}{h} \exp...$"
7	148		In left panel of figure 7.5-4, replace "a_2/a_1" with "a_1/a_2"
7	150	5	Replace "$(\alpha^d_{O_2} D^d_{so} / \alpha^c_{O_2} D^c_s)$" with "$(\alpha^d_{O_2} \mathcal{D}^d_{O_2} / \alpha^c_{O_2} \mathcal{D}^c_{O_2})$"
8	165		Replace figure 8.4-2 with the corrected version shown below: 
9	186		In Eq. 9.2-4, replace "$N_{s,z}$" with "$N_{s,y}$"
10	213		In Eq. 10.2-9, replace "C_s" with "C_s^A"
10	218		In Eq. 10.3-6b, replace "$\overline{C}_i^p$" with "$\overline{C}_i^c$"
12	246	14	Replace "Chapter 16" with "section 15.5-2"
12	258		In Eq. 12.2-10b, replace "k_c^A" with "k_s^A" and replace "k_c^B" with "k_s^B"
12	259		In Eq. 12.2-11b, replace "k_c^A" with "k_s^A" and replace "k_c^B" with "k_s^B"
13	298		Eq. 13.3-20a should read "$t=t/t_c$"

13	298		In Eq. 13.3-20c, replace "r_c" with "L_c"
13	305	22	Replace "δ is independent" with "δ that is independent"
14	312		In Eq. 14.1-32, replace "$\left(\frac{0.00501}{\sqrt[3]{\nu/U}}\right)\frac{y^3}{\sqrt[3]{x}}$" with "$\left(\frac{0.00501}{\sqrt{(\upsilon/U)^3}}\right)\frac{y^3}{\sqrt{x^3}}$"
14	312		In Eq. 14.1-33, replace "$\left(\frac{0.0808}{\sqrt{\nu/U}}\right)\frac{y^2}{\sqrt[3]{x}}$" with "$\left(\frac{0.0808}{\sqrt{\upsilon/U}}\right)\frac{y^2}{\sqrt{x^3}}$"
14	312		In Eq. 14.1-33, replace "$\left(\frac{0.00188}{\sqrt[3]{\nu/U}}\right)\frac{y^4}{\sqrt[5]{x}}$" with "$\left(\frac{0.00188}{\sqrt{(\upsilon/U)^3}}\right)\frac{y^4}{\sqrt{x^5}}$"
15	334	6	Replace "based on is **u**, is" with "based on **u**, is"
15	353	3	Replace "*Gr*>>1" with "*Gz*>>1"
16	360	2	The y appearing in "…+y>1" should be in italics
16	364		In Eq. 16.1-28, replace "=*DaC*" with "$=\frac{Da}{K}C$"
16	378	9	Replace "Also for the single-phase" by "For the single-phase"
16	386		In Eq. 16.3-28, replace "$\mathcal{D}_s$" with "$-\mathcal{D}_x$"
16	386		In Eq. 16.3-32c, replace "$=\frac{Da^S C}{K+C}$" with "$=-\frac{Da^S C}{K+C}$"
17	395		In Eq. 17.3-2, replace "dC_A" with "dC_{lam}"
17	395		In Eq. 17.3-5, replace "μ_i^{rand}" with "μ_{ax}^{rand}"
18	432	3	Replace the argument "(t)" with "(s)"
19	441		In Eq. 19.1-10, replace "$-\frac{\ln(2)}{T^{1/2}}$" with "$-\frac{\ln(2)}{T_{1/2}}$"
19	445		In Eq. 19.1-28, replace "y_E" with "$y_A(t_D)$"
19	447		In figure 19.1-5, replace "K" with "-K" in equation for N_{wall}.
20	489		In Eq. 20.4-21, the right side should read: "$\frac{\varepsilon^P \beta_2}{1+\varepsilon^P \beta_2}$"
21	502		In Eq. 21.1-23a-f, the symbol $C_e(t)$ represents a dimensionless time dependent variable, not a dimensionless parameter as the previous line states.
21	508		In figure 21.2-2 caption, delete phrase "Theeuwes and Yum…Springer)"
21	522		In Eq. B3-30, replace "$\phi_{cell} N_{i,wall} + \phi_{cap} N_{i,wall}$" with "$\phi_{cell} N_{i,wall}^{cell} + \phi_{cap} N_{i,wall}^{cap}$"
App B	602		On the left side of the r entry in Table B4-4, place "$-\frac{u_\theta^2}{r}$" as a fifth term in parenthesis.
App B	603		On the left side of the r entry in Table B4-5, place "$-\frac{u_\theta^2}{r}$" as a fifth term in parenthesis.
App B	604		In table B4-9, replace "γ_{app}^2" in the column heading with "$4\gamma_{app}^2$"

App C	608	17	In the line after Eq. C2-2, insert the phrase: “where i and j are assigned a fixed integer value between 1 and N.” before “The adjoint …”
App C	614		In fourth entry in table C4-2, replace “$\frac{\left(ae^{at}-be^{bt}\right)}{\left(b-a\right)}$“ with “$\frac{\left(ae^{at}-be^{bt}\right)}{\left(a-b\right)}$“
App C	614		In sixth entry in table C4-2, replace “$\sin(\omega t+\phi),\cos(\omega t+\phi)$“ with "$\sin(\omega t+\phi),\cos(\omega t+\phi)$"
App C	614		In sixth entry in table C4-2, replace “ssin(ϕ)” with “sin(ϕ)”
App C	614		In Eq. C5-1b, replace “$t=t_0$” with “$t<t_0$”
App C	615		In Eq. C5-5b, replace “t=0” with “t<0”