Muni Budhu "Soil Mechanics and Foundations ", 3rd Edition, John Wiley & Sons, NY, 2010.

Errata First printing. These errata will be corrected in the 2nd printing.

If your country's code or standards delineate clays as soil particles less than 0.002 mm then do not replace 0.002 by 0.005 as given below.

Last updated: 10/29/2011

page	Line or equation or Table or figure	Correction
xii	16 lines from bottom	Replace "216" by "214"
17	19	Replace "D_s" by "D"
17	20	Replace "less" by "greater"
18	10	Replace 0.002 by 0.005
18	Table 2.1	Replace 0.002 by 0.005 in the last two lines of the last column
20	Figure E2.1	Shift the line demarcating clays right to correspond to 0.005 mm rather than 0.002 mm
22	Figure E2.2	Shift the line demarcating clays right to correspond to 0.005 mm rather than 0.002 mm
23	3	Replace 0.002 by 0.005
23	Step 2	***Strategy*** replace 0.002 by 0.005 Replace 0.002 by 0.005 % finer than 0.002 by % finer than 0.005 Replace 0.002 mm = 24.9% by 0.005 mm = 39% Replace % clay in the soil in Example 2.1 is (24.5/100) x 15.4 = 3.8% by % clay in the soil in Example 2.1 is (39/100) x 15.4 = 6% Replace % silt = 15.4 – 3.9 = 11.6% by % silt = 15.4 – 6 = 9.4% Shift the lines demarcating clays in Figure E2.4 from 0.002 mm to 0.005 mm
37	Line 10 from bottom	Replace T_{res} by T_r
40	5 6	Insert $C_R = 0.8$; $0 < L \leq 4\ m$ Replace 0.61 by 0.60
52	5	Add "s" to "container"
57	16	Replace Weight of dry soil: W_w by Weight of dry soil: W_s
63	First line after Table 4.6	Replace line by "You should recall that the clay fraction" by "The clay fraction in Equation (4.19)"
73	Line 22	Replace "Figure 4.10b" by "Figure 4.10c"
77	Figure E4.13	Shift the lines demarcating clays right to correspond to 0.005 mm rather than 0.002 mm Replace 59 by 47, 29 by 41 in the table under Step 1
78	6 lines from the bottom	Replace 59 + 29 by 47 + 41
80	4	Replace "than soil B" by "than Soil A"
81	8 11 20 24	Replace "swell index" by "swell factor" Replace 22.2 by 11.1 Replace 30 x 1.5 x 1 = 45 m^3 by 30 x 1.5 x 1 x 10^3 = 45 x 10^3 m^3 Replace 51.6 by 61.9, 10 by 11.1 x 0.9, and 5160 by 6190
82	Step 2, line 5	Replace 1.527,777 by 1,527,777
103	2nd from last	Replace "optimimun" by "optimum"
109	4 lines from bottom	Replace "flow" by "velocity"
127	12	Replace "(100 – 993) by "(1000 – 993"
148	Line 21 Equation (7.36)	Change "Major" to "Minor"
151	8 lines from bottom	Replace 'stress s" by "stress σ"
159	Bottom line	Replace both "0.12" in the equation by "0.4"
168	Line 3, eq. 7.78	Replace 4 by 2 in the equation
169	11 lines from bottom	Replace "7.00" in the row 3 column 2 by "5.00"

175	13	Replace "r/z' by "r_o/z"
180	Step 3 line 2 Step 4 line 8 Step 4 line 10	Replace "0.001 to 2" by "0.01 to 1" and "I = 0.48" by "I ≈ 0.48" Replace "0.001 to 2" by "0.01 to 1" and "0.88" by "0.98" Replace "0.001 to 2" by "0.01 to 1"
184	40	Replace "soft" by "medium"
212	11 lines from bottom	Replace "$\Delta u_o = \sigma_z$" by "$\Delta u_o = \Delta\sigma_z$"
213	Line 19	Replace "216" by "214"
214	Line 4	Replace "σ'_{zc}" by "σ'_{zu}"
217	Line 1	Replace "4.13" by "4.11"
238	Caption Figure 9.15 Line 13	Replace "Root" by '"Log" Replace 9.31 by 9.33
244	7 lines from bottom 3 lines from bottom	Insert $\left(t_{field}\right)_{90} = \frac{(T_v)_{90}}{(T_v)_{50}} t_{field} = \frac{0.848}{0.197} \times 7.13 = 31.4\ years$ Replace 0.01 by 0.01^2
250	3 lines from bottom	Replace "200 " by "240"
256	Line 7	Replace "is Section 9.9" by "in Section 9.9"
251	Lines 13 Line 14 Line 15 Line 16	Replace "1.2 = 18.8" by "1.13 = 18.87" Replace "18.8" by "18.87" and "9.16" by "9.2" Replace "9.16" by "9.2" and "59.3" by "59.8" Replace "59.3" by "59.8"
258	Line 5 below **Problem Solving**	Replace "50" by "150"
263	12 20	Replace "strain versus the shear strain" by "**volumetric** strain versus the shear strain" Replace "critical ratio" by "critical void ratio"
275	Figure 10.14	Replace $\frac{(\sigma_1)_{cs} + (\sigma_3)_{cs}}{2}$ by $\frac{(\sigma'_1)_{cs} + (\sigma'_3)_{cs}}{2}$
286	Line 4	Replace $(\sigma'_3)_c$ by $(\sigma'_3)_{cs}$
289	Line 10 from the bottom	Replace 200 N by 400 N
292	Line 9	Replace "stess" by "stress"
293	Figure 10.21a	Replace "P" by P_z
296	Figure 10.22a	Replace "P" by P_z
298	Line 3 from bottom	Replace mm^2 by mm^3
299	Line 2	Replace $\varepsilon_z = \frac{\Delta z}{H_o}$ in table by $\varepsilon_z = \frac{\Delta z}{H_o}(\%)$ Replace $\varepsilon_p = \frac{\Delta V}{V_o}$ in table by $\varepsilon_p = \frac{\Delta V}{V_o}(\%)$
301	Line 1	Replace 304 by 302
303	Line 12	Replace $(\sigma_1)_{cs} + (\sigma_3)_{cs}$ by $(\sigma'_1)_{cs} + (\sigma'_3)_{cs}$
319	Line 6 from bottom	Replace Table 10.18 by Table 10.8
341	Equation(11.8)	Change $M_e = \frac{q_f}{p'_f} = \frac{\left(2\frac{\sigma'_1}{\sigma'_3}+1\right)_f}{\left(\frac{\sigma'_1}{\sigma'_3}-1\right)_f} = \frac{6\sin\phi'_{cs}}{3+\sin\phi'_{cs}}$ to $M_e = \frac{q_f}{p'_f} = \frac{3\left(\frac{\sigma'_1}{\sigma'_3}-1\right)_f}{\left(2\frac{\sigma'_1}{\sigma'_3}+1\right)_f} = \frac{6\sin\phi'_{cs}}{3+\sin\phi'_{cs}}$

381	Equation (11.86)	Replace $\left(\Delta\sigma_1\right) f$ by $\left(\Delta\sigma_1\right)_f$
388	Line 21	Replace σ'_{zo} by σ'_{zc}
401	Line 15	The root sign extends over the whole equation. $q = Mp'\sqrt{\frac{p'_c}{p'} - 1}$
457	Equations (12.44), (12.45)	Replace "c_N" by "C_N"
459	Line 6	Replace Table 10.4 by Table 10.6
460	Line 5	Replace Table 10.4 by Table 10.6
582	Figure 14.2	Replace "ω_s" by "ψ_s"
664	Line 6	Replace "S_u" by "s_u"
694	Line 11	Replace "j_s" by "J_s"
720	Exercise 16.7 line 6	Replace "y = 133 m" by "z = 133 m"
723	Table A.3	Replace 0.002 by 0.005