ERRATA—Soil Water Dynamics

Symbols
--p. xxii, viscosity. Delete “kinematic”

Chapter 1
--p. 9, 2 lines below Eq. 1-15. Should be $p_w = p_{w0}$
--Table 1-1. “Films in silts” should be “Films in slits”

Chapter 2
--Table 2-1, footnote c. $P(x)$ is the cumulative probability for a normal distribution (and is only defined obliquely in Chapter 1).
--p. 89, problem 22. Small “k” should be “K”

Chapter 3
--Figure 3-4 legend. Add “−ψ(P)” to give “ψ(P)−ψ(P)”
--Eq. 3-143. Term on left side should be squared $\rightarrow r_{1,2}^2$
--p. 129, 3 lines above Eq. 3-156. “column” should be “row”

Chapter 4
--p. 138, below heading. table 2-5 (not table 2-3)
--p. 143, 2 lines above Eq. 4-15. Should be “g” and not “f”
--p. 150, line 8. Should be “figure 4-8B”.
--p. 183, legend of table 5-4. Should be “= $K_s t_g (2_s - 2_r)^{-1}$”
--Problem 11b. Should be (4-116) and not (4-17)

Chapter 5

--Table 5-7, Internal nodes. Should be \( C_i = \frac{K_{i+0.5,n}}{(\Delta z)^2} \)

--Table 5-9, last line. \(-J_w\) should be \(-J_\infty\)

--Figure 5-25. Curves labels on all three parts \(\to 0.06\) should be 0.08

--2 lines below (5-167). Residual value should be \(\to 0.246\)

Chapter 6

--Table 6-2 heading. Units for \(K_s\) \(\to\) m s\(^{-1}\)

--p. 249, Table, line source, form 3. 2\(^{nd}\) line equation should start with “-2” and not “+” to give \(-2 \int \exp[2(Z-Z')]\) etc."

--Table 6-4, For 2-D flow need a “-” sign to give \(J_z = \frac{\partial \psi}{\partial x} = -\frac{\partial \phi}{\partial x} + \alpha \phi\)

--p. 265, caption of Figure 6-14. Twice should be “nb_type 3” (not bc_type 3)

--p. 266, 7 lines from end. Needs a left parenthesis \(\to\) “..wettest region (0.3..”

--p. 272, title and again in first sentence \(\to\) should be disc tension infiltrometer (not disc tensiometer)

--p. 274, line 10. “0.44 m” and not “0.44 h”.

--p. 288, 3 lines from end. “..provides 6 values:”

Chapter 7

--Figure 7-7 legend, next to last line. “set” should be “step”

--Eq. (7-200) is ok but is direct copy of (7-195)
--Eq. (7-69)-(7-73). Change all of the “Var” terms to “Var(z)”. (This occurs 5 times.)

References

--p. 370, next to last. “head” should be “heat” to give →”..of heat in”