3/8/06

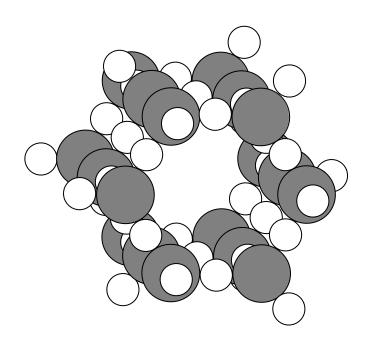
	310100								
#	P.	Line	Original	Coı	rrection (c) & Suggestion (s)	Remarks			
1	2	Eq. (1.4)	$F_g - F_l - F_d$	c	$F_g - F_b - F_d$				
2	3	41	0.5	c	0.05				
3	4	12	section 1.1.3	c	section 1.1.4				
4	9	footnote	1.1.6	c	1.1.7				
5	10	31	up tp 300	c	up to 30°				
6	13	34	F_2O_3	С	Fe ₂ O ₃				
7	22	12	(1.9)	c	(1.10)				
8	24	13	Tuorila		Tuorilla				
9	24	15	section 1.1.3	c	section 1.1.4				
10	24	34	mmol/L	c	mmol _c /L	mmoles of charge per liter is generally used for ion exchange			
11	27	18	equation (1.20)	c	equation (1.18)				
12	29	29-31	Bulk densities may	s		duplicate explanations are given in above senetences.			
13	367	index	Feldpar	c	Feldspar				
14	368	index	Montmorillinite	С	Montmorillonite				
15	343	references	Edelman and Favagee	c	Edelman and Favajee				

3/19/06

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#	P.	Line	Original	Cor	rection (c) & Suggestion (s)	Remarks
1	38	Fig.2.1		c	see corrected figure at end	I think this figure is misleading.
					of this table.	The oxygen is not next to other
						oxygen. The hydrogen bonding is
						not clearly described in this figure.
						The figure in the fifth edition is
						fine. I replaced the figure with
_	40	4	***		**	permission of Bill.
2	40	4	H _F	c	H _f	subscript lowercase
3	40	6	H _V	c	H _v	subscript lowercase
4	40	19	2002	c	2001	
5	40	Table 2.1	3.34×10^4	c	3.34×10^5	Some are mistakes from fifth
						edition, some are because of
						transformation to SI units,
6	40	Table 2.1	2.45×10^5	С	2.45×10^6	,
7	40	Table 2.1	1.00×10^3	С	4.18×10^3	
8	40	Table 2.1	8.0×10^2	c	8.0×10^{1}	
9	40	Table 2.1	6.03×10^{2}	+	6.03×10^{1}	
10	40			c		AD D D 1 11 1 1
10	42	5	Pa	S	Pair	$\Delta P = P_a - P_1$ is used in the text
						although P _{gas} , P _{liq} are used in
						figures. Isn't it better to use either
						"air & water" or "liquid & gas" in
						these figures?
11	42	6	P ₁	S	P _{liq}	-
12	43	1	P ₁	S	P _{liq}	
13	43	4	P _a	S	P _{air}	
14	43	7	Pa	S	Pair	
15	43	14	P _l	1		
				S	P _{liq}	
16	43	14	Pa	S	Pair	
17	44	14	P ₁	S	P _{liq}	
18	44	14	P _a	S	P _{air}	
19	45	12	plate is	S	plate (area A) is	
20	46	18	$C_{\rm s}$	c	C_{l}	
21	46	19	C _s	С	C_1	
22	46	19	M m ³	С	$M \text{ m}^3$	M is italic
23		19	°K	c	K	
24	47	39		c	dyn	
25	50	4	erg	1		Three-rods probe is widely used.
23	30	4	two arms	S	two or three arms	Three-rous probe is widery used.
				L		
26	53	29	$\mu_{T} = \rho_{w} \psi_{T}$	С	$\mu_T = \psi_T / \rho_w$	
27	54	Table 2.2	g ⁻¹	С	erg g ¹	
28	54	Table 2.2	cm ⁻³	С	dyn cm ²	
29	54	3	VIII	_	dyn om	What are "three steps"?
) (= 0 -4 A) (-) (- 0 - 4 1 - 4 A	what are times steps!
30	59	8	$\Psi_{\rm T} = 0$ at A	С	$\Psi_{\rm T} = \Psi_{\rm T0} = 0$ at point A	TOTAL COLUMN
31	58	Fig.2.9,		c		The position of the upper array is
	60	Fig.2.10				different in two figures (bottom,
						intermediate, or top of the curved
						surface).
32	60	7	$\Psi_{\rm T} = \Psi_{\rm T0} = -\pi \text{ at A}$	S	$\Psi_{\rm T} = \Psi_{\rm T0} = -\pi$ at point A	
33	63	17	the manometer reading is	S	the manometer reading X is	
34	64	16	$1.49 \times 10^5 \text{ erg cm}^1$	c	$-1.49 \times 10^5 \mathrm{dyn cm}^2$	
35	64	29	psychometric	С	psychrometric	
36		8	mPa	+	MPa	
30	US	O	іш а	c	1VII a	

37	65	28	a pressure membrane	S	a pressure plate	
38	66	18	the water measured	С	the water content of the samples measured	Fifth edition, p.62
39	67	3	precalibrated amount			Does "precalibrated amounts" mean necessary amounts for saturated salt solutions? I noticed "saturated" was inserted in the title: "Equilibration over saturated salt solution"
40	67	5	contact with a moist sample	S	contact with a moist sample through a solute membrane	A solute membrane is necessary to have water flow from the soil to the reservoir.
41	67	12	$\Psi_{\rm T} = \Psi_{\rm s0} - \Psi_{\rm s}$	c	$\Psi_{\rm m} = \Psi_{\rm s0} - \Psi_{\rm s}$	Fifth edition, p.63
42	69	3	$\Psi_{\rm T} = \Psi_{\rm s0} - \Psi_{\rm s}$ $A_m = 1.05 \times 10^{-16} \rm cm^2$	c	$\Psi_{\rm m} = \Psi_{\rm s0} - \Psi_{\rm s} A_m = 1.05 \times 10^{-19} \text{m}^2$	Water molecule has a radius of 1.83 A: $(1.83A)^2 \times \pi = 1.05 \times 10^{19} \text{ m}^2$
43	70	footnote	many monolayers	S		Is "many monolayers" a proper expression?
44	72	8	height of rise of water	S	height of rise of water H	H is used in the solution of p. 306.
45	369	index	standard slate	c	standard state	

Figure 2.1



	1					3/18/06
#	P.	Line	Original	Cor	rection (c) & Suggestion (s)	Remarks
1	81	Eq. (3.16)	$Ks = -\frac{J_{w}(b+L)}{L}$	c	$Ks = -\frac{J_w L}{(b+L)}$	fifth edition, eq.(3.15)
			L		(b+L)	
2	81	34	[L+b(t)]/L	S	[b(t) + L]/L	(b+L) is used in equations.
3	82	Fig 3.5	$[L+b(t)]^{\prime}L$	S	b(t) + L/L $[b(t) + L]$	same as #2
4	82	Fig 3.5		c		Same as it a
-	-		$J_{w} = \frac{db(t)}{d(t)}$		$J_{w} = \frac{db(t)}{dt}$	
5	84	3	$H_2 = z + p$	S	$H_2 = p + z$	use a same order as in equations.
6	86	Fig 3.7	z_0, p_0, H_0	С	z_1, p_1, H_1	see Fig. 3.6
7	86	Fig 3.7		S		add point 1, 2, 3, as in Fig. 3.6, see p.87, step 4, "labeled pont 3 in the figure".
8	88	21	$J_{w} = -K_{1} \frac{H_{3} - H_{1}}{z_{3} - z_{1}}$ soild-air interface	С	$J_{w} = -K_{2} \frac{H_{3} - H_{1}}{z_{3} - z_{1}}$ water-air interface	
9	91	12	soild-air interface	c	water-air interface	Flow boundaries are solid-water and water-air interfaces.
10	93	2	a unit length	S		The tube can be twisted since L_c is defined in Eq. (3.30). Isn't it better to mention "the volume of each cylinder is the product of cross-section area πr^2 and a unit length"?
11	95	8	lower the liquid pressure	S	lower the liquid suction or increase the liquid pressure	
12	95	Eq. (3.43)	$\cdots - \overline{\int_{z_1}^{z_2}} = z_1 - z_2$	С	$\cdots - \int_{z_2}^{z_2} dz = z_1 - z_2$	fifth edition, Eq. (3.34)
13	96	5	z = L	с	Z = -L	fifth edition, p.96, 1.2
14	98	Eq (3.51)		С	$\int_0^{\infty} \frac{1-i/K_s - (i/K_s)y^2}{1-i/K_s - (i/K_s)y^2}$	
15	102	15	Fig 3.14	c	Fig 3.13	same as #19
16	103	Eq (3.64)	$\Delta x \Delta y \Delta z$	С	$\Delta x \Delta y \Delta z \Delta t$	
17	103	19	into (3.61)	c	into (3.60)	fifth edition, p.104
	104	2	Fig 3.14	С	Fig 3.13	same as #16
19	105	Eq. (3.75)	∂h	c	$\frac{\partial \theta}{\partial \theta}$	fifth edition Eq. (3.75)
			$\overline{\partial z}$		$\overline{\partial z}$	
20	106	17	$D(\theta)$	c	$D_{w}(\theta)$	
21	106	Eq. (3.80)	$D(\theta)$	c	$D_{w}(\theta)$	
22	107	2	in matric potential per unit increase in water content	s	in water content per unit increase in matric potential	Eq. (3.77)
23	107 108	Table 3.6 Example 3.11	$\Theta(h) = [1 + \alpha(-h)^N]^{-M}$	s	$\Theta(h) = \left[1 + \left(\alpha(-h)\right)^{N}\right]^{-M}$	See equations for Example 3.11 below this table.
24	108	29	HYDRUS-1	С	HYDRUS-1D	
25	109	captions	HYDRUS-1	c	HYDRUS-1D	
	110	for Figs 3.14-16,				
2 -	100	Table 3.7	1/N		-1	
26	109	Table 3.7	Unit of α is cm ^{1/N}	c	cm ⁻¹	
27	109	Table 3.7	Unit of Ks is cm h ⁻¹	c	$cm day^{-1}$	
28	109	/	$h_i = -40 \text{ cm}$	c	$h_i = -100 \text{cm}$	

29	111	Fig. 3.7 caption	$h_i = -40 \text{ cm}$	c	$h_i = -100 \text{cm}$	
30	111	Fig. 3.8 caption	$h_i = -40 \text{ cm}$	С	$h_i = -100$ cm	
31	112 113	Figs 3.20, 3.21	parameter values			Parameter values seem to be different from the values in the text. I tried several possible sets of parameter values, however, failed to get identical figures as Figs. 3.20-21.
32	113	Fig. 3.21	soil water flux	S	downward water flux	downward flux has minus sign.
33	114	Table 3.8	z h	S	z (cm) h (cm)	
34	116		$h(\theta) = -30 \left(\frac{0.25}{\theta^2}\right)^{1/2}$	С	$h(\theta) = -30\left(\frac{0.25}{\theta^2} - 1\right)^{1/2}$	see Fifth edition p.119
35	116	10	72 dyn cm ⁻¹	c	$7.27 \times 10^{-2} \text{ J m}^{-2}$	
36	315	12	equation (3.80)	c	equation (3.58)	
37	317	3	$\frac{L}{K_{\text{eff}}} = \int_0^L \frac{dz}{K(z)} dz$	С	$\frac{L}{K_{eff}} = \int_0^L \frac{dz}{K(z)}$	

Example 3.11

$$\frac{d\theta}{dh} = (\theta_s - \theta_r) \frac{d}{dh} \left[1 + \left(\alpha(-h) \right)^N \right]^{-M} \\
= \frac{(\theta_s - \theta_r)(-M)}{\left[1 + \left(\alpha(-h) \right)^N \right]^{1+M}} \frac{d}{dh} \left[1 + \left(\alpha(-h) \right)^N \right] \\
= \frac{(\theta_s - \theta_r)(-M)\alpha^N N(-1)(-h)^{N-1}}{\left[1 + \left(\alpha(-h) \right)^N \right]^{1+M}}$$

$$C_{w}(h) = \frac{\alpha^{N} (\theta_{s} - \theta_{r})(N-1)(-h)^{N-1}}{\left[1 + \left(\alpha(-h)\right)^{N}\right]^{2-1/N}}$$

#	P.	Line	Original	Cor	rection (c) & Suggestion (s)	3/18/06 Remarks
1	120	30	$0.045 \text{ m}^3 \text{ h}^{-1} = 0.62 \%$	c	$0.045 \text{ m}^3 \text{ h}^{-1} \rightarrow 0.62 \%$	
2	121	Fig. 4.1	(a)	С	(b)	According to .Holmes and Cloville (1970), Fig.4.1 (a) is for Penola forest, and (b) is for Gambier forest This problem originally came from the 4th edition. Furthermore, the matric potential were based on the water contents and water retention curves (not tensiometer readings)
3	121	Fig. 4.1	(b)	С	(a)	•
4	122	Fig. 4.2(a)	9 AUGUST 1964	с	8 SEPT 1964	According to .Holmes and Cloville (1970)
5	123	13 to15	A sentence from "Furthermore," to "5 and 6 m."	S	Delete this sentence.	In Holmes and Cloville (1970), the measurement value at the 4 m depth was error and the matric potential decreased due to root water uptake.
6	123	14 to 15	A sentence from "This profile " to "between them"	S	Delete this sentence	Holmes and Cloville (1970) showed that the pulse caused by a concentrated rain disappeared perfectly at 2.7 m depth.
7	123	20 to 26	Sentences from "At the Mount Gambier" to "the dry profile below"	S	Rewrite these sentences according to the correct water content profile at the Mount Gambier.	It is obvious that these sentences were described in accordance with a mismatched pair of water content and matric potential profiles.
8	129	Eq. (4.25)	$I = \frac{1}{2}St^{1/2} + A_1t + A_2t^{3/2} +$	С	$I = St^{1/2} + A_1t + A_2t^{3/2} + \cdots$	
9	134	11	(4.33) and (4.38)	С	(4.33) and (4.35)	
10	134	Table 4.2	Maximum (4.34)	С	Maximum (4.35)	
11	134	Table 4.2	Shown in Fig.4.4	С	Shown in Fig.4.7	
12	138	21	1/r	С	1/r ₀	
13	140	13	equation (2.5)	С	equation (2.6)	
14	140	16	$h > \frac{-2\sigma}{R}$	С	$h > \frac{-2\sigma}{\rho_w gR}$	
15	141	10 (equation)	$=-110 \text{ cm/day}^{-1}$	С	$=-110 \text{ cm day}^{-1}$	
16	141	10 (equation)	$\approx -1.1 \text{ m}^3/\text{day}^{-1}$	с	$\approx -1.1 \text{ m}^3 \text{ day}^{-1}$	
17	141	13 (equation)	$=0.366 \text{ m}^3/\text{day}^{-1}$	С	$= 0.366 \text{ m}^3 \text{ day}^{-1}$	
18	141	15	over one-third	С	over one-fourth	
19	141	24 (equation)	$J_{w} = -100 \left(\frac{10 + 100 - 0}{10 - 0} \right)$	С	$J_{w} = -100 \left(\frac{100 + 10 - 0}{10 - 0} \right)$	
20	141	24 (equation)	$=-1100 \text{ cm/day}^{-1}$	с	$=-1100 \text{ cm day}^{-1}$	
21	141	25 (equation)	3.5×10 ⁻⁶	С	3.5×10 ⁻⁵	
22	141	25 (equation)	m ³ /day ⁻¹	c	m ³ day ⁻¹	

23	141	30	equation (2.5)	c	equation (2.6)	
24	143	Fig. 4.15	prior to the study ("dry")	c	prior to the study ("dry").	period
		caption	Arrows indicate		Arrows indicate	
25	143	7	surrounding matrix was	c	surrounding matrix was	
			high,		low,	
26	147	Fig. 4.19	as $t \to \infty$	S	as t becomes large enough	
		caption				
27	149	9	average water content $ heta$	c	average water content $ar{ heta}$	
28	150	13	if $z < -L$	c	if $-L \leq z \leq 0$	
29	152	14	in Section 4.4.3,	c	in Section 4.3,	
30	155	Table 4.4	cm/h ⁻¹	c	cm h ⁻¹	
31	159	13	in the same units of	c	in the same units of	
			cm/day ⁻¹		cm day ⁻¹	
32	160	18	In Example 4.3 for	c	In Example 4.4 for	
		-				

3/18/06

#	P.	Line	Original	Cor	rrection (c) & Suggestion (s)	Remarks
1	162	23	≤	С	<	
2	163	12	J·s	c	Js	
3	164	Eq.(5.7)	R _{nl}	С	R _{nt}	
4	166	12	min ^{-l}	c	min ⁻¹	
5	166	15	10^4A	S	μm	SI unit
6	169	38	Horton et al.(1984b)	S		not included in reference.
7	171	2	Horton et al.(1984a)	S		not included in reference.
8	173	Eq.(5.11)	C_a	S	C_a	Capital C is used for volumetric heat capacity (see section 5.3.3).
9	175	Eq.(5.21) - (5.24)	C_a	S	C_a	same as #8
10	176	Eq.(5.25)	$\lambda dT/dz$	c	-λ dT/dz	
11	177	16	(5.27)	c	(5.28)	
12	177	17	(5.28)	c	(5.27)	
13	178	9	$\lambda_{ m eff}$	S	$\lambda_{ m e}$	λ_{eff} is same as λ_{e} in (5.29) and others.
14	178	22	lower	c	upper	
15	179	14	Fig.3.20	c	Fig.3.13	
16	180	Eq.(5.39)	$\phi - X_{\scriptscriptstyle 0}$	С	$1-\phi-X_{0}$	
17	180	31	$\phi - X_0$	С	$1-\phi-X_0$	
18	181	24	450 nm to 6 nm	c	450 μm to 6 μm	According to the original paper.
19	182	Fig.5.10	1.2, 1.3, 1.4	c	1.1, 1.2, 1.3	These legends are different from those in the text and in the fifth edition.
20	182	Fig. 5.11	cm ⁻² s ⁻¹	С	cm ² s ⁻¹	
21	183	15	Fig.5.11	c	Fig.5.10	
22	184	11	(5.38)	c	(5.36)	
23	186	14	heat flow equation (5.31)	S	heat flux equation (5.31)	
24	187	20	$\lambda_{ m L}$	c	$-\lambda_{ m L}$	
25	191	Eq.(5.56)	$z_2 - z_1$	С	$z_1 - z_2$	
26	191	Eq.(5.57)	$z_2 - z_1$	c	$z_1 - z_2$	
27	192	19	cm^2s-1	c	cm^2s^{-1}	
28	192	27	12.1	c	8.1	
29	194	Fig.5.18	Δ Δ z=60cm ×× z=120cm	С	\times \times z=60cm Δ Δ z=120cm	Soil temperature at 120cm depth is higher than at 60cm depth in daytime. See the fifth edition.
30	194	Fig. 5.18		?		Smith (1932) shows different sampling date, intervals and depths.
31	196	Eq.(5.63)	J_H	S	J_w	
32	197	Table	$T_{\rm max}$	c	T_{\min}	
33	198	25	S^{-1}	c	S^{-1}	This is Unit. not Italic.
34	199	problem 5.8	Styrofoam	S	styrofoam	lower case (see the fifth edition).

3/18/06

	1		ı	1		3/10/00
#	P.	Line	Original	Coı	rection (c) & Suggestion (s)	Remarks
1	203	6	2.5 and 5.0 m ⁻² day ⁻¹	c	2.5 and 5.0 g m ⁻² day ⁻¹	
2	203	8	$8 \text{ m}^{-2} \text{day}^{-1}$	c	8 g m ⁻² day ⁻¹	
3	203	11	24 m ⁻² day ⁻¹	c	24 g m ⁻² day ⁻¹	
4	204	Eq.(6.1)	J_S	С	J_c	J_c is used for chemical flux in Chapter 7.
5	205	Eq. (6.6)	J_{c}	6	J_{gc}	J_c is chemical flux in Chapter 7
6	208	Eq. (0.0)	15 mph	S	24 km h^{-}	SI or cgs unit
7	209	Eq. (6.7)	$J_{\rm g}$	S	J _{gd}	
8	211	Eq. (6.12)		-		$J_g = J_{gc} + J_{gd} pprox J_{gd}$
-			+ r _g	С	- r _g	1 1 16 74
9	212	16	(6.12)	С	(6.5)	eq number was changed from 5th edition.
10	213	Fig. 6.4	$\Omega = r_g L^2 / D_g^s$	c	$\Omega = r_g L^2 / D_g^s C_0$	
1.1	213	caption 9	$\Omega = r_g L^2 / D_g^s$		O 12/D8 C	
11				С	$\Omega = r_g L^2 / D_g^s C_0$	
12	213	Fig. 6.4	in a root zone as a function	S	in a root zone for various	
10	212	caption	a for various values		values	
13	213	14	(6.8)	С	(6.10)	Eq. number was changed.
14	214	18	rg	С	r _g	
15	214	Eq. (6.30)	C _g	С	J _g	
16	213	3	$C = C_0$ $\Omega = r_g L^2 / D^s_g$	S	$\begin{split} & \overset{\boldsymbol{C}_{\boldsymbol{g}}}{\boldsymbol{C}_{\boldsymbol{g}}} = \boldsymbol{C}_0 \\ & & \Omega {=} \boldsymbol{r}_{\boldsymbol{g}} \boldsymbol{L}^2 / \boldsymbol{D}^s_{\boldsymbol{g}} \overset{\boldsymbol{C}_{\boldsymbol{0}}}{\boldsymbol{C}_{\boldsymbol{0}}} \end{split}$	
17	215	Fig. 6.5 caption	$\Omega = r_{\rm g} L^2 / D^{\rm s}_{\rm g}$	С	$\Omega = r_{\rm g} L^2 / D^{\rm s}_{\rm g} C_0$	
18	215	5	$\Omega = r_g L^2 / D_g^s$	c	$\Omega = r_g L^2 / D_g^s C_0$	
19	215	Fig. 6.5	in a root zone as a function	s	in a root zone for various	
		caption	<i>a</i> for various values		values	
20	215	5	(6.34)	С	(6.33)	
21	215	8	CO ₂ evolution	S	CO ₂ concentration	
22	215	14	$\Omega = RL^2/D_g^s = 1$	С	$\Omega = RL^2/D_g^s C_0 = 1$	
23	217	28	(6.37)	С	(6.36)	
24	217	Eqs.	dx	s	dz	Eq.(6.38) is derived from Eq (6.36)
		(6.38) -				having "dz".
		6.42)				
25	218		$J_{\rm v}$	s	J _{wv}	J _{wv} is used in text.
26	222	Fig 6.10	0, 1, 2, 3, 4	c	0, 10, 20, 30, 40	- WY - 2 500 0 50 111 101111
		y-axis-	-, -, -, -, -		-, -, -, -, -, -,	
		value				
27	223	problem				Although Millington & Quirk
		6.5				model was used in the solution
						(p.327), there is no description
						about the model in chapter 6.
28	224	1	$\mathbf{J}_{\mathrm{s}} = \mathbf{J}_{\mathrm{s}} + \mathbf{J}_{\mathrm{l}}$	s	$J_c = J_g + J_1$	
			-			
			•		•	

						3/20/06
#	P.	Line	Original	Cor	rection (c) & Suggestion (s)	Remarks
1	225	(7.1)		S		J_s is used in (6.1). We decided to
						use J_c for the chemical flux.
2	226	(7.3)	$J_s = J_l + J_v$	S	$J_s = J_l + \frac{J_g}{J_g}$	J_g is used in Section 6.3. We
					s i g	decided to use J_g for the chemical
						vapor flux.
3	226	footnote	Section 7.4	c	Section 7.5	
4	228	22	$\lambda(L)$	c	λ (L)	not italic
5	229	Table 7.1		С		see the corrected table listed below.
6	230	15	t=0	c	<i>t</i> =0	italic
7	231	Fig.7.2	resident concentration	c	flux concentration	see the corrected figure. CXTFIT
						was used for the calculation.
8	231	10-12		S		The center of the solute does not
						arrive at the end at the same time
						for flux concentrations. This is
						because of the first-type surface
						boundary condition.
9	231	13	<i>D</i> =0 curve	S	<i>D</i> =0 line	
10	231	(7.18)	erfc [)	c	erfc ()	
11	232	(7.21)	C(l, t)	c	C(L, t)	
12	233	Fig. 7.3		c	L = 50 cm	BTCs are not for $L = 50$ cm
						(probably around 65 cm). I
						corrected data for $L = 50$ cm using
						CXTFIT. See the corrected figure. I
						think calculated values are ten
						times smaller than the original
			2		3	values.
13	234	Fig. 7.4	mg m ⁻³	S	g m ⁻³	the unit is µg/ml in 5 th edition. see
						Fig. 1.11.
14	235	15	11.5 m	С	31.5 m	(4.4.7)
15	237	(7.30)	K_F	С	K_f	see (1.16)
16	237	Fig. 7.7 &	mmol m ⁻³	S	mol m ⁻³	The concentration should be same
		text				range as for the adsorption
						isotherm. If g m ⁻³ for Fig. 7.4 (see
						#11), corresponding unit would be
17	220	hottom	cm ³ s ⁻¹		cm s ⁻¹	mol m ⁻³ .
17	239	bottom		c	CIII S	(7.21) is not a company ::
18	240	6	the conservation equation	S		(7.31) is not a conservation
10	240	(7.21)	(7.1) may be written as			equation.
19	240	(7.31)	∂ (7.17) l	С	∂z MIM 1	
20	241	5	(7.17) reduces to a	С	MIM reduces to	
			convection dipersion model			
			(7.1)			
21	243	11	7.34	c	(7.34)	
22	244		$\int_{M_0}^{M(t)} \frac{dM}{M} = \ln \frac{M}{M_0} = -\mu \int_0^t dt = -\mu t$	S	$\int_{M_0}^{M(t)} \frac{dM}{M} = \ln \frac{M(t)}{M_0} = -\mu \int_0^t dt = -\mu t$	
			$M_0 M M_0$		M_0 M M_0	
23	245	7	ovn (uL/V)		C ovn (J/I/)	
			$\exp(-\mu L/V)$	c	$\frac{C_0}{C_0} \exp(-\mu L/V)$	
24	243	before	solute (7.12)	С	solute (7.13)	
25	242	(7.37)		<u> </u>		
25	243	(7.37)	D_s^g	С	D_{g}^{s}	
26	247	Table 7.3		c		see the corrected table listed below.
27	248	(7.49)	J_{v}	С	J_g	see #2
28	248	(7.50)	J_{ν}	С	J_g	
<u> </u>	-					1

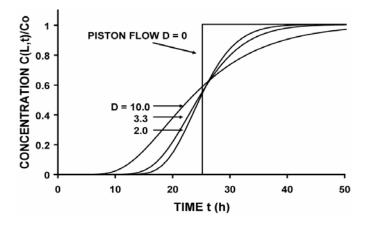
29	248	after (7.52)	effective vapor and liquid diffusion	s	effective liquid and vapor diffusion	the title is effective liquid-vapor diffusion
30	249	Fig. 7.13	$egin{array}{c} D_{LIQ} \ D_{VAP} \end{array}$	S	Liquid (or Liquid phase) Vapor	D_{LIQ} and D_{VAP} are not defined. see Jury et al. (1983)
31	249	Fig. 7.13 caption	(7.31)-(7.32)	С	(7.52)	vary et al. (1765)
32	249	4	total diffusion coefficient	С	effective diffusion coefficient	
33	249	10	using (7.41) and (7.51)	S	using (7.12), (7.41) and (7.51) for (7.3)	
34	250	1	the flux equation (7.51) is plugged in to the transport equation (7.37)	С	the flux equation (7.55) is plugged in to the conservation equation (7.1)	
35	251	6	f_{oc}			f_{oc} is not defined in the text.
36	252	Fig. 7.15		С	legends (Evaporation, Zero water flux, Leaching) are missing.	see Fig. 7.11 in 5 th edition.
37	252	1-2	>, <	S	>>, <<	see Jury et al. 1984a and 5 th edition
38	253	10 & 15	z = 30 cm	c	z = -30 cm	
39	254	Fig. 7.16	z = 30 cm	c	z = -30 cm	
40	255	(7.61)	$T = \frac{tV}{L} = \frac{J_{w}t\theta}{L\theta}$	С	$T = \frac{tV}{L} = \frac{J_{w}t}{L\theta}$	
41	255	after (7.63)	diffusive time scale a distance <i>L</i> by diffusion	S	dispersive time scale a distance <i>L</i> by dispersion	
42	255	(7.64)	$\frac{\partial C}{\partial Y}$	С	$\frac{\partial C_m}{\partial Y}$	
43	255 256	(7.64)- (7.66)	B, W	S	β, ω	see Fig. 7.9
44	256	3	extent of immobile water	С	extent of mobile water	
45	258	Figs.7.19, 7.20	J, K	С	j, k	
46	259	9	$C_0(t)$ is given	c	$C_{in}(t)$ is given	(7.70)
47	260		$= \int_0^I \alpha \exp[-\alpha(I - I')] dI'$ $= 1 - \exp(-\alpha I)$	С	$= \frac{C_N}{\int_0^I} \alpha \exp[-\alpha(I - I')] dI'$ $= \frac{C_N}{I} \left[1 - \exp(-\alpha I)\right]$	
			$= \int_0^{I_s} \alpha \exp[-\alpha (I - I')] dI'$		$= \frac{C_N \int_0^{I_s} \alpha \exp[-\alpha (I - I')] dI'}{C_N \int_0^{I_s} \alpha \exp[-\alpha (I - I')] dI'}$	
			$= \exp[-\alpha(I - I_s)] - \exp(-\alpha I)$		$= \frac{C_N}{\exp[-\alpha(I - I_s)]} - \exp(-\alpha I)$	
48	263	(7.83)	$f_z(I) = \frac{1}{\sqrt{2\pi\sigma I}} \exp\left\{-\frac{\left[\ln\left(IL/z\right) - \mu\right]^2}{2\sigma I}\right\}$	С	$f_z(I) = \frac{1}{\sqrt{2\pi\sigma I}} \exp\left\{-\frac{\left[\ln\left(IL/z\right) - \mu\right]^2}{2\sigma^2}\right\}$	
49	265	(7.88)	$V = \frac{z}{\widehat{T}^1}$	С	$V = \frac{z}{\widehat{T_1}}$	
50	265	25	$E_z[I]$, $Var[I]$	c	$E_z[I]$, $Var[I]$	italic
51	266	Table 7.5	ϕ_m	s		ϕ_m is not defined.
52	266	2	Fig. 7.9	c	Fig. 7.22	1111
53	267	20	Example 3.11	c	Example 3.10	
54	270	25	the convective-lognormal transfer function (7.83)	С	the convective-lognormal transfer function model (7.83)	
55	269	6		С	7.5.2 Groundwater Contmination	The section title is missing.

56	271	9	Ressler et al. 1999	С	Ressler et al. 1998b	line 7 Ressler et al. 1998 → Ressler et al. 1998a References also need to be corrected.
57	271	21	Section 7.4	c	Section 7.35	
58	273	Table 7.26	K_{oc}	s		K_{oc} is not defined.
59	273	14	(1.16)	c	(7.30)	(1.16) and (7.30) are identical.
60	274	Problem 7.4	$\exp(-\mu t_b) = \exp\left(-\frac{t_b \ln 2}{\tau_{1/2}}\right)$	c	$\exp(-\mu t_{bR}) = \exp\left(-\frac{t_{bR} \ln 2}{\tau_{1/2}}\right)$	
61	274	Problem 7.4	Table 7.4	c		Table 7.4 in 5^{th} edition was deleted in 6^{th} edition.
62	274	Problem 7.5	K_{oc}	S		K_{oc} is not defined. see #56
63	275	2	Jw	c	J_w	subscript
64	275	Problem 7.5	describe the following process:	s	describe the following process based on (7.19):	

Table 7.1

θ	V	D_{lh}	$\xi_l(heta)$	$D_l^{\ s}$	D_e	$D_{\it lh}\!/D_{\it e}$
0.25	0.80	0.80	0.04	0.04	0.84	0.95
0.30	3.33	3.33	0.07	0.07	<mark>3.41</mark>	0.98
0.35	5.71	5.71	0.12	0.12	<mark>5.84</mark>	0.98
0.40	12.50	12.50	0.19	0.19	12.69	0.99

Fig.7.2



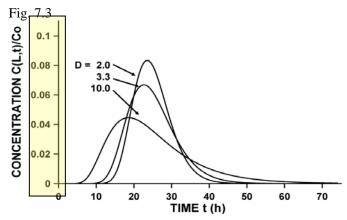


Table 7.3

Compound	$100f_{a}$	$100f_{l}$	$100f_g$
Atrazine	<mark>90.566</mark>	<mark>9.434</mark>	2.4E-06
Bromacil	<mark>80.769</mark>	19.231	7.1E-07
DBCP	<mark>90.495</mark>	<mark>9.427</mark>	7.8E-02
DDT	99.993	0.007	1.4E-05
Lindane	<mark>98.734</mark>	<mark>1.266</mark>	1.6E-04
Phorate	<mark>97.536</mark>	<mark>2.463</mark>	7.6E-04

#	P.	Line	Original	Cor	mastion (a) & Suggestion (a)	Remarks
#					rrection (c) & Suggestion (s)	Remarks
1	278	7	(A.5) cm ² day ⁻¹	c	(A.4) cm ² day ⁻²	
2	279	19	cm ⁻ day	c		
3	279	21, 23	Z	c	Z _J	
4	281	Eq.(A.6)	Z_0	c	Z	
5	281	31	the 10	c	the 20	
6	282	last	Table A.1	c	Table A.2	
7	284	6	E[Z)	c	E[Z]	
8	284	7	····E[Z]	c	\cdots E[Z])	
9	285	last 3	- (E[Y+Z]) ²]	С	$-\left(\mathrm{E}[\mathrm{Y}+\mathrm{Z}]\right)^{2}$	
10	287	Eq.(A.27)	E[Z)	С	E[Z]	
11	289	6	$Z_{\min} - 10$	С	$10-Z_{\min}$	See the fifth edition.
			6		6	
12	289	10	between 3.92	С	between -3.92	
13	290	2	by (A.5)	С	by (A.4)	
14	290		E[Z)=10	С	E[Z]=10	
15	292	1	$-(Z-m^2)/2s^2$	c	$-(Z-m)^2/2s^2$	
16	292		z=m	c	Z=m	
17	292	14	\tilde{Z}	c	$\hat{f Z}$	
18	293	eq.(A.44)	= Pr[Z<	С	= P[Z<	Pr is not defined
19	294	Fig. A.6 axis	(J5)/n	S	(J5)/N	
20	295	last 6	$\frac{-}{m}$	С	\overline{X}	
21	296	eq.(A.51)	$\sum_{J=1}^{N} [Z(x_{J}) -$	С	$\sum_{J=1}^{N(h)} [Z(x_J) -$	
22	299	eq.(A.57)	$\sum_{J=1}^{N} [Z(x_{J}) - h(C_{1} - C_{0})[1 - \exp(-\frac{h^{2}}{\lambda^{2}})]$	С	$\sum_{J=1}^{N(h)} [Z(x_J) - (C_1 - C_0)[1 - \exp(-\frac{h^2}{\lambda^2})]$	See the fifth edition
23	299	eq.(A.58)	$h(C_1 - C_0)[1 - \exp(-\frac{h}{\lambda})]$	С	$(C_1 - C_0)[1 - \exp(-\frac{h}{\lambda})]$	See the fifth edition
24	301	last 9	$\cdots = \sigma = 1.5$	с	$\cdots = \sigma^2 = 1.5$	
25	302	last 4	Table A.5	С	Table A.4	
	•			•		•

#	P.	problem#	Original	Cor	rection (c) & Suggestion (s)	Remarks
1	303	1.1	Table 2.2	С	Table 2.1	
2	303	1.1 Table 1.		S		Results in Table 1 are slightly different from $0.0011/D^2$ because each values are inserted the equation. Probably liquid density in Table 2.1 was not used. Also better to consider the effective digits (not 108,043).
3	304	1.5		s	$ \phi = \phi_{i} + (1 - \phi_{i}) \frac{\phi_{a}}{\phi_{a}} = 0.4 + $ $ 0.6 \times \frac{0.51}{\phi_{a}} = 0.4 + $	
4	306 72	2.2	$\rho_m = 2.65$	S	$\rho_m=2.6$	Although $\rho_m = 2.6$ is given in the problem (p.72), 2.65 is given here. There are some contradictions in significant figures.
5	306	2.2	$\rho_{ m m}$	s	$\rho_{\rm s}$	Subscript is different from the text.
6	307	2.3	Ψt	S	ψ_{T}	Subscript is different from the text.
7	308	2.4	-100 cm	c	-1000 cm	
8	308	2.4	h _t	s	h_{T}	Subscript is different from the text.
9	308	2.4	Z _b	S	Z _B	The point is defined as "B"
10	308	2.4	S _b	s	s_{B}	The point is defined as "B"
11	308	2.5	h_{t}	S	h_{T}	Different subscription from the text.
12	308	2.6	298	С	297	With $\sigma = 0.0727$, $\rho_w = 998$ or 1000, $g = 9.8$ or 9.81.
13	309	2.7	h _t	S	h _T	Subscript is different from the text.
14	309	2.8	log	S	ln	
15	309	2.9	log	S	ln	
16	73	2.10 (in problem)	$\rho = 1.7$	С	ρ=2.7	Problem gives $\rho = 1.7$, but solution re-gives the value of 2.7.
17	114	3.1 (in problem)	semilogarithmic paper(in problem)	S	logarithmic paper	Figure 1 is a log-log plot.
18	310	3.1 Table 2		S		Isn't it better to use the same column format as in Table 3.5?
20	312	3.4	8.33 cm	c	8.33 cm h ⁻¹	
21	312	3.4(a)	$J_w = Q/A$	s	$J_w = -Q/A$	
22	312	3.5(a)	$Q = \frac{\rho_w g R^4 (L+d)}{8L\nu}$	С	$Q = \frac{\rho_w g \pi R^4 (L+d)}{8L\nu}$	
23	312	3.5(a)	1039	S	1037	The value for ρ_w is probably not from in Table 2.1.
24	313	3.6	Ks	S	K _{sand}	K _s and K _S are confusing. Better to use the same subscript as in problem 3.3.
25	313	3.6	K _C	s	K _{clay}	
26	116 313	3.6(c)	p.116 (i) clay on top (ii) clay on the bottom p.313 (i) clay on the bottom (ii) clay on top	С	p.116 (i) clay on the bottom (ii) clay on top	
27	313	3.6(c)	101.86	c	101.87	

28	116	3.7	(0.25)1/2	С	(0.25)1/2	see 5th edtion
		(in	$h(\theta) = -30 \left(\frac{0.25}{\theta^2}\right)^{1/2}$		$h(\theta) = -30 \left(\frac{0.25}{\theta^2} - 1 \right)^{1/2}$	
		problem)	θ^2		$\left(\begin{array}{cc} \theta^2 \end{array}\right)$	
29	313	3.7	from (3.34)	c	from (3.35)	
30	92	related	Fig 3.10 in the text	S	$R_n = -2\sigma/\rho g h_n$	
		with 3.7	$R_n = 2\sigma/\rho g h_n$			
31	314	3.7	Table 3, n_J , f_J	c		Values in Table 3 are slightly
	211	204)				different
32	314	3.8(b)	$-\frac{K_s}{L}$	С	$-\frac{K_s}{L}$	subscript lower case
			L		L	
33	315	3.8(c)	$E_{\text{vor}} = a\pi$	c	$E_{\text{vor}} = a\pi$	add minus
			$\frac{\text{ver}}{F} = \frac{1}{2I}$		$\frac{\text{ver}}{F} = \frac{1}{2I}$	
2.4	215	2.0(.)	E _{hor} ZL		L _{hor} ZL	
34	315	3.8(c)	$\frac{E_{\text{ver}}}{E_{\text{hor}}} = \frac{a\pi}{2L}$ $\frac{K_s}{2} \left(\sqrt{1 + \frac{a^2 \pi^2}{4L^2}} - 1 \right)$	С	$\frac{E_{\text{ver}}}{E_{\text{hor}}} = -\frac{a\pi}{2L}$ $\frac{K_s}{2} \left(\sqrt{1 + \frac{a^2 \pi^2}{L^2}} - 1 \right)$	delete 4
35	315	3.9	equation (3.80)	С	equation (3.58)	
36	315	3.9	t_0	s	i_0	
37	316	3.10	log	S	ln	
38	316	3.10	boundary condition	c	initial condition	p 315, line 4 from bottom
39	316	3.11	log	s	ln	p 313, fine 4 from bottom
40	317	3.13	I A da	+		
10	317	3.13	$\frac{L}{K_{\text{eff}}} = \int_0^L \frac{dz}{K(z)} dz$		$\frac{L}{K_{\text{off}}} = \int_0^L \frac{dz}{K(z)}$	
			$K_{\rm eff}$ J_0 $K(z)$		$K_{\rm eff}$ 30 $K(z)$	
41	318	4.1	Fig 3.17	c	Fig 3.19	
42	318	4.1	y-axis: L/L _{max}	c	y-axis: $X = L/L_{max}$	
		Fig 2	x -axis: $T = K_s T / L_{max}$		x -axis: $T = K_s T / L_{max} \frac{\theta_s}{\theta_s}$	
43	318	4.2	x-axis: $T = K_s T/L_{max}$ $\theta = \theta_s \left[\frac{1}{1 + (N-1)K_s t/L} \right]^{1/(N-1)}$ $J_w = K_s \left[\frac{1}{1 + (N-1)K_s t/L} \right]^{N/(N-1)}$	С	x-axis:T = K _s T/L _{max} $\frac{\theta_s}{\theta_s}$ $\theta = \theta_s \left[\frac{1}{1 + (N-1)K_s t / L \frac{\theta_s}{\theta_s}} \right]^{1/(N-1)}$ $J_w = K_s \left(\frac{\theta}{\theta_s} \right)^N = K_s \left[\frac{1}{1 + (N-1)} \right]^{1/(N-1)}$	N/(N-1)
44	319	4.3	See Figure 3.	s	See Figure 3 and Table 4.	
45	319	4.3 Fig 3	See Figure 5.	S	K(h)	add K(h) plot.
46	320	4.3	0.330 (in column K)	С	0.333	
		table 4				
47	320	4.3	315 (in column D)	с	314	
		table 4				
48	320	4.3	330 (in column D)	c	333	
		table 4				
49	319	4.4	ΔW is given in kilograms,	S	ΔW is given in kilograms.	
			which is converted into		Dividing by the cross-	
			centimeters by dividing by		sectional area A (4 m ²)	
			m ² and kg m ⁻³ . This		and by the water density in	
			produce ΔS in meters, which is multiplied by 100		units of 1000 kg m ⁻³ produce ΔS in meters,	
			which is multiplied by 100		which converted into	
					centimeters by multiplied	
					by 100.	
50	320	4.4	0.025(in column ET)	С	0.25	
		table 5				
51	159	4.4	cm/day ⁻¹ (in problem)	С	cm day ⁻¹	
			/	•		•

52	321	4.5	$V_F = \frac{K(\theta_o) - K(\theta_i)}{\theta_o - \theta_i}$	С	$V_F = \frac{K(\theta_0) - K(\theta_i)}{\theta_0 - \theta_i}$	Letter O was used instead of number 0
53	321	4.5	$W_{\text{net}} = \dots = V_f t (\theta_s - \theta_i)$	С	$W_{\text{net}} = \ldots = V_F t (\theta_s - \theta_i).$	capital F
54	160	4.7	in Example 4.3 (in problem)	С	in Example 4.4	ex.4.3 in 5th edition is moved to ex.4.4 in 6th ed.
55	322	4.7	$P = i_0 + (i_f - i_0) \exp(-\beta t_{\min})$	С	$P = i_f + (i_0 - i_f) \exp(-\beta t_n)$	•
			$ \rightarrow t_{\min} = \frac{1}{\beta} \log \frac{P - i_f}{i_0 - i_f} $		$\rightarrow t_{\min} = -\frac{1}{\beta} \ln \frac{P - i_f}{i_0 - i_f}$	
56	322	4.7	$Pt_{\text{max}} = i_0 t_{\text{max}} + \frac{i_f - i_0}{\beta} \left[1 - \exp(-\beta t_{\text{max}}) \right]$	С	$Pt_{\text{max}} = i_f t_{\text{max}} + \frac{i_0 - i_f}{\beta} \left[1 - \frac{1}{\beta} \right]$	$\exp(-\beta t_{\text{max}})$
57	322	4.7 <i>F</i> (<i>t</i> _{max})		С	$F(t_{\text{max}}) = 0 = i_f t_{\text{max}} + \frac{i_0 - i_0}{\beta}$	$\frac{i_f}{1 - \exp(-\beta t_{\text{max}})} - Pt_{\text{max}}$
58	322	5.1	$d = \frac{z_2 - z_1}{\log(\Delta T_2 / \Delta T_1)}$	S	$d = \frac{z_1 - z_2}{\ln(\Delta T_1 / \Delta T_2)}$	
59	322	5.1	224 cm	s	225 cm	d = 224.7.
60	323	5.1	$T_A = 10$	S	$T_A = 10.00$	same effective digit as in problem 5.1 (p.197)
61	323	5.1	$T_{\text{max}} = T_0 + A \exp(-250 day^{-1})$	С	$T_{\text{max}} = T_0 + A \exp(-225/d)$	
			$T_{\min} = T_0 - A \exp(-250 day^{-1})$		$T_{\text{min}} = T_0 - A \exp(-225/d)$	
62	323	5.2	$\lambda_{\text{silt}}, \lambda_{\text{equiv}}$	s	$\lambda_{\rm S}, \lambda_{\rm eq}$	same subscript as in ex. 5.4
63	323	5.3	d = 215 cm	c	d = 216 cm	
64	323	5.3	$\Delta T = 67$	S	$\Delta T = -67$	
65	323	5.4	about 5.6; ± 0.6	С	about 5.7×10^{-3} ; $\pm 0.6 \times 10^{-3}$	the value is 5.68
66	324	5.4	Figure 5, y-axis	С	K _T (10 ⁻³ cm ² s ⁻¹) λ (mcal cm ⁻¹ s ⁻¹ K ⁻¹) C(cal cm ⁻³ K ⁻¹)	add "Unit " for each parameter in legend.
67	323	5.4	The maximum and minimum vary about ± 0.6 about the average,	С	The maximum deviation from the average value is about 0.6,	difference between the maximum and the average is 0.62, but between the minimum and the average is 0.17.
68	324	5.5	25.3 at 20 degree C, λ^* is 233.7	С	23.9 at 20 degree C, λ* is 235.3	miscalculation use $H_v = 585$, exp = e, instead of $H_v = 600$, e = 2.7.
69	324	5.5 Tabel 6	λ_e $H_\nu J_\nu$ r 259 25.3 0.097 275 40.8 0.148 300 66.0 0.220 342 108.0 0.320 411 177.0 0.430	С	λ_e $H_\nu J_\nu$ r 259 23.9 0.092 275 39.3 0.143 300 64.8 0.216 342 106.9 0.312 412 176.3 0.428	
70	324	5.6(a)	a = 234	s	a = 235	see #68
71	325	5.6(a)	$J_{H} = -347$	c	$J_{\rm H} = -300$	miscalculation
72	325	5.6(b)	\int_0^T	c	$\int_{T_0}^T$	
73	325	5.8	$\lambda_{ m equiv}$	s	$\lambda_{ m eq}$	see #62
74	325	5.8	$\lambda_{\rm C}, \lambda_{\rm S}$	s	$\lambda_{\text{copper}}, \lambda_{\text{Styro}}$	same as in p.199
75	326	5.9	given in (5.52)	С	given in (5.48)	

76	327	6.5	$\omega \left(\frac{\phi}{a}\right)^{10/3}$ $\approx \frac{2.5}{a^{10/3}}$	S		The Millington & Quirk model is not described in this edition (see (6.12) in 5 th edition).
77	327	6.5	$\approx \frac{2.5}{a^{10/3}}$	С	$= 2.5 \left(\frac{0.5}{a}\right)^{10/3} \text{ or } \frac{0.25}{a^{10/3}}$ C_a $\rho_b \frac{\partial C_a}{\partial t} + \theta \frac{\partial C_l}{\partial t}$	
78	328	7.2	C_s	С	C_a	(7.30)
79	328	7.2	C_{s} $\rho_{b} \frac{C_{s}}{\partial t} + \theta \frac{\partial C_{l}}{\partial t}$ $= D_{l}^{s} \frac{\partial^{2} C_{l}}{\partial z^{2}} - J_{w} \frac{\partial C_{l}}{\partial z}$ $= (\theta + \rho_{b} \beta K_{f} C_{l}^{\beta - 1}) \frac{C_{l}}{\partial t}$	c	$\rho_{b} \frac{\partial C_{a}}{\partial t} + \theta \frac{\partial C_{l}}{\partial t}$ $= \left(\theta + \rho_{b} \beta K_{f} C_{l}^{\beta - 1}\right) \frac{\partial C_{l}}{\partial t}$ $= D_{e} \frac{\partial^{2} C_{l}}{\partial \sigma^{2}} - J_{w} \frac{\partial C_{l}}{\partial \sigma}$	
80	328	7.2	$\frac{\theta + \rho_b \beta K_f C_l^{\beta - 1} / \theta}{\theta + \rho_b \beta K_f C_2^{\beta - 1} / \theta}$	С	$\frac{-D_e}{\partial z^2} - J_w \frac{\partial}{\partial z}$ $\frac{\theta + \rho_b \beta K_f C_2^{\beta - 1} / \theta}{\theta + \rho_b \beta K_f C_1^{\beta - 1} / \theta}$	
81	329	7.2	5.25	С	5.62	$\left(\frac{1}{1000}\right)^{-0.25} = 5.62$
82	329	Table 7 DBCP	t_b =220 M/M_0 =0.509	С	$t_b = 265$ $M/M_0 = 0.442$	
83	330	7.8	$M/M_0 = 0.509$ $P_{v} = \frac{C_{v}RT}{M}$	С	$P_{v} = \frac{C_{g}RT}{M}$	
84	330	7.8	multiply the denominator by	С	multiply the numerator and the denominator by	
85	331	A1 table 8	Mean % C S.D. % C CV % C	С	Mean C S.D. C CV C	
86	333	A3(b)	0.692	s	0.693	may be due to rounding errors
87	333	A4(c)	f =	С	F =	Problem A.4 is described in "F".
88	333	A4(c)	$\exp\left[-\frac{(z)^2}{2}\right]$	S	$\exp\left(-\frac{z^2}{2}\right)$	
89	333	A5	PC	С	PC	PC is not italic in problem A5 (p.302).
90	334	A5	$b^2/2N$	С	delete	(p.302). $b^2/2N$ is wrong.
91	334	A5	$=\sum_{J=1}^{N}(K\Delta x)^{2}$	С	$=\frac{1}{2N}\sum_{J=1}^{N}(Kb\Delta x)^{2}$	
92	334	A6 Table 9		С	$L\sqrt{32}$ 8	add between $L\sqrt{29}$ & $L\sqrt{34}$
93	334	A6 Table 9	$L\sqrt{34}$ 2	c	$L\sqrt{34}$ 12	
94	334	A7	Ν(ξ)	c	N(u)	
95	334	A7	$\xi = 2.32$	c	u = -2.32	
96	334	A7	$\frac{Vt_0 - z}{\sqrt{2Dt_0}} = u$	С	$\frac{Vt_0 - z}{\sqrt{2Dt_0}} = -u$	
97	334	A7	/2v	С	2V	remove "/"
98	334		$exp(\mu+u\sigma)$	С	exp(μ-uσ)	
99	335	A7 table10	112 39 120 54 124 65 140 123	С	103 38 112 54 117 64 139 123	