

Modeling Groundwater Flow and Contaminant Transport, Bear and Cheng, Springer, 2010

Errata

- p. 48, 9 lines above (1.3.7): change correspond to corresponds
- p. 62, 3rd line in 1st bullet: change This to this
- p. 165, equation without a number, and 8 lines below: change \mathbf{V}^E to \mathbf{V}
- p. 169, line above (5.1.21), remove “a second rank symmetric tensor,”
- p. 210 (5.4.10): change $\tilde{\mathbf{A}}$ to $\tilde{\mathbf{A}}'$
- p. 264, 3rd line from bottom: change Fig. 6.1.6 to Fig. 6.1.4.
- p. 333 (6.5.6): change r_{cao} to p_{cao} twice
- p. 333 (6.5.7): change r_{cow} to p_{cow} twice
- p. 374 (7.1.69): change \mathbf{a}_{ijkm} to \mathbf{A}_{ijkm}
- p. 374 (7.1.70): change \mathbf{a}_L to \mathbf{A}_L
- p. 374, 2nd line from bottom: change \mathbf{a}_L to \mathbf{A}_L
- p. 375 (7.1.71) and (7.1.72): change \mathbf{a}_L to \mathbf{A}_L
- p. 376 (7.1.73): change \mathbf{a}_L to \mathbf{A}_L
- p. 376, second paragraph, lines 4 and 5: change \mathbf{a}_L to \mathbf{A}_L
- p. 401, 1st line below sec. A, remove a comma after the word sorption
- p. 402, 2nd line: remove “the” in “average the concentration”
- p. 532 (8.1.15): change to

$$\frac{T}{S} \left[\frac{\Delta t}{(\Delta x)^2} + \frac{\Delta t}{(\Delta y)^2} \right] \leq \frac{1}{2}.$$

- p.532, last line: change to “be correspondingly increased; this means the increased computational error.”
- p. 551 (8.3.35): change all occurrences of $2A$ to A , as below

$$\begin{aligned} a_1 &= (x_2 y_3 - x_3 y_2)/A, \quad b_1 = (y_2 - y_3)/A, \quad c_1 = (x_3 - x_2)/A, \\ a_2 &= (x_3 y_1 - x_1 y_3)/A, \quad b_2 = (y_3 - y_1)/A, \quad c_2 = (x_1 - x_3)/A, \\ a_3 &= (x_1 y_2 - x_2 y_1)/A, \quad b_3 = (y_1 - y_2)/A, \quad c_3 = (x_2 - x_1)/A, \end{aligned}$$

Last update: April 2015

<http://www.springer.com/978-1-4020-6681-8>

Modeling Groundwater Flow and Contaminant Transport

Bear, J.; Cheng, A.H.-D.

2010, XXII, 834 p. 250 illus., Hardcover

ISBN: 978-1-4020-6681-8