

Errata for the book “Bed, Bank and Shore protection” G.J. Schiereck

Errata for the first edition (2000)

Page 66

Equation 13 should read:

$$(1 + 3r_{cu})\bar{u}_{cu} = (1 + 3r_{cs})\bar{u}_{cs} \longrightarrow K_v = \frac{\bar{u}_{cu}}{\bar{u}_{cs}} = \frac{1 + 3r_{cs}}{1 + 3r_{cu}}$$

Page 95: 3rd line from bottom: “reasinable” should be “reasonable”.

Page 103

Equation 5.10 should read:

$$p_{\max} \approx \frac{L_2}{L_1 + L_2} \rho_w g \Delta h$$

Page 209 – 211

In figure 9-4, 9-5 and 9-7 the label on the vertical axis should read: V_1/\sqrt{gh} ; V_1/\sqrt{gh} and u_r/\sqrt{gh}

Page 392

Reference to Petchacher should read:

Petschacher, J. (1994) VaP 1.5 for Windows, User manual, ETH Zurich, Switzerland (see also www.petschacher.at)

Errata for the second edition (2004) as well as for the Spon-edition (2004)

In figure 9.4 on the vertical axis the following values should be read:

0.0 0.2 0.4 0.6 0.8 1.0

Errata for all editions:

Page 51:

Equation 3.1 should read:

$$\left. \begin{array}{l} \text{Drag Force: } F_D = \frac{1}{2} C_D \rho_w u^2 A_D \\ \text{Shear Force: } F_S = \frac{1}{2} C_S \rho_w u^2 A_S \\ \text{Lift Force: } F_L = \frac{1}{2} C_L \rho_w u^2 A_L \end{array} \right\} F \approx \rho_w u^2 d^2$$

Formula 9.4 should read:

$$\frac{A_s}{A_c} - \frac{v_i^2}{2gh} + \frac{3}{2} \frac{v_i^{2/3}}{(gh)^{1/3}} = 1$$