

Corrigenda for the textbook: Turbulence in Coastal and Civil Engineering, by B. Mutlu Sumer and David R. Fuhrman

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The following contains a list of known typographical errors for the textbook:

Sumer, B.M. and Fuhrman, D.R. (2020) Turbulence in Coastal and Civil Engineering. World Scientific. <https://doi.org/10.1142/10829>.

Errors known to the authors include:

- On p. 156, in the second line of Eq. 3.184, π_1 should be π_2 and A_4 should be A_5 . Also, in the final line of Eq. 3.184, A_4 should be A_n . The full equation should read:

$$\begin{aligned}\pi_1 &= A_1^{x_1} A_2^{y_1} A_3^{z_1} A_4 \\ \pi_2 &= A_1^{x_2} A_2^{y_2} A_3^{z_2} A_5 \\ &\dots \\ \pi_{n-r} &= A_1^{x_{n-r}} A_2^{y_{n-r}} A_3^{z_{n-r}} A_n\end{aligned}$$

- On p. 219 the references to `ProgramSpectrum.m` (two instances) should be to `ExampleSpectrum.m` (as indicated on p. 216, top).
- On p. 380, it should read $k_s = 0.84$ mm (rather than $k_s = 0.18$ mm).
- On p. 421, Eq. 6.32 is missing parentheses on the right-most hand side, which should read:

$$\frac{1}{c} \left(\frac{\partial U_0}{\partial t} \delta - \frac{\tau_0}{\rho} \right)$$

- On Fig. 6.27a (p. 453), the y -axis label should read u_∞/U_m (rather than u_∞/U_w).
- On Figs. 7.39 (p. 560) and 7.43 (p. 568) the colorbar limits for ν_t/ν are missing. On both figures the lower (bottom, white) limit is 0 and the upper (top, black) limit is 300.

In case any other errors are found or suspected, please report them to the book's second author, David R. Fuhrman, at: drf@mek.dtu.dk. The most up-to-date corrigenda file (filename: Corrigenda.pdf) will always be available at the DTU Data Collection: <https://doi.org/10.11583/DTU.c.4508648>.