

- Page 6, first line, delete the word “by”
- Page 28, penultimate sentence of worked example should read “... for which $|F| = 1/(1 + 2\alpha\Delta + k^2\Delta^2)$, always less than one.”
- Page 53 line just before equation (4.18), should read “... on mesh positions \mathbf{n}, \mathbf{m} as”
- Page 81. The final fraction in equations (6.21) and (6.22) should have the N indices reversed and read

$$\frac{N_y^2 \Delta y^2 + N_x^2 \Delta x^2}{\Delta x^2 + \Delta y^2}$$

- Page 94 line immediately following eq. (7.33) and last line, also Page 95 last line, and Page 97 eq. (7.49), strictly the CFL condition should use the absolute value $|\lambda|$ of λ and read:

$$\Delta t |\lambda| / \Delta x \leq 1$$

- Page 96, eq. (7.42), the left hand side has incorrect sign of \mathbf{I} , it should read

$$\dots = -\nabla \cdot (\mathbf{\Gamma}\mathbf{\Gamma} / \rho + \mathbf{I}\rho).$$

- Page 125. The sign of the left hand side of equation (9.20) is reversed. It should read $-\frac{1}{h}\nabla^2 h = \dots$. Also four lines below it the inline equation should read $-\nabla^2 h = B^2 h$; and on line 2 of the last paragraph the inline equation should read $[\mathbf{\Sigma}_t - \mathbf{\Sigma}_s]\mathbf{\Phi} - \frac{1}{k}[\boldsymbol{\nu}\mathbf{\Sigma}_f]\mathbf{\Phi} = 0$.
- Page 151. Equation (11.14) should read $F_{-L_x} = \int_{-L_y}^{L_y} \int_{-L_z}^{L_z} \Gamma_x(-L_x, y, z) dydz$.
- Page 178. The inline equation on the fifth line from the bottom should read $\omega_n \Delta t / 2 = \pi N \Delta t / 2 = \pi / 2$.
and the phrase “the filter reaches its first zero” should be deleted.