Errata for the first printing (2001) of Fundamentals of Engineering Numerical Analysis by P. Moin

page	location	read	should read
9	line 3	$g''(x_{i+1}) - \sigma^2 f(x_i + 1)$	$g''(x_{i+1}) - \sigma^2 f(x_{i+1})$
10	Ex. 10, line 10	derivative of $\boldsymbol{P}_N$	derivative of $P(x)$
22	Eq. (2.21)	$+\dfrac{f_{j-1}}{h_{j+1}(h_j + h_{j+1})}$	$+\dfrac{f_{j+1}}{h_{j+1}(h_j + h_{j+1})}$
85	line 4	equations (1a,b)	equations (1a,1b,2)
85	line 7	$r = \sqrt{(x_1 - x_2) + (y_1 - y_2)}$	$r_{12} = \sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2}$
86	line 8	from time 0 to 4	from time 0 to 200
86	Ex. 11, line 2	$y^* = y^n + \gamma_1 h f(y^n)$	$y^* = y_n + \gamma_1 h f(y_n)$
86	Ex. 11, line 3	$f(y^n)$	$f(y_n)$
86	Ex. 11, line 4	y^{n+1}	y_{n+1}
90	item c, line 3	$a = f(10)$	$a = f'(10)$
95	item iii, line 1	eigenvalues of A	eigenvalues of T
125	last line	$\phi^n_{lj} = \psi^n e^{ik_1 x_l} e^{ik_2 y_j}$	$\phi^{(n)}_{lj} = \psi^n e^{ik_1 x_l} e^{ik_2 y_j}$
126	line 2	$-k_1'^2, k_2'^2$	$-k_1'^2, -k_2'^2$
126	lines 3 & 5	$\psi^{(n+1)}$	ψ^{n+1}
126	lines 3 & 5	$\psi^{(n)}$	ψ^n
139	item 3, line 2	$+\tilde{\phi}_{i-1,j} + \phi^{(k)}_{i,j+1} + \tilde{\phi}_{i,j-1}$	$+\tilde{\phi}^{(k+1)}_{i-1,j} + \phi^{(k)}_{i,j+1} + \tilde{\phi}^{(k+1)}_{i,j-1}$
147	Ex. 6, line 2		$(I - \alpha\Delta t A_x)\boldsymbol{\phi}^* = [I + \alpha\Delta t(A_y + A_z)]\boldsymbol{\phi}^{(n)}$
147	Ex. 6, line 3		$(I - \alpha\Delta t A_y)\boldsymbol{\phi}^{**} = \boldsymbol{\phi}^* - \alpha\Delta t A_y \boldsymbol{\phi}^{(n)}$
147	Ex. 6, line 4		$(I - \alpha\Delta t A_z)\boldsymbol{\phi}^{(n+1)} = \boldsymbol{\phi}^{**} - \alpha\Delta t A_z \boldsymbol{\phi}^{(n)}$
191	Ex. 5, line 2	$0 < x < L$	$0 \le x < L$
193	line 6	$x_0 = -1, x_N = 1$	$x_0 = 1, x_N = -1$

Superscripts containing "n" should be surrounded by parenthesis in the following:

page	location
64	Example 4.6, lines 4, 5, 6, & 7
68	Example 4.7, lines 4 & 5
122	equation preceding Eq. (5.47)
123	Eq. (5.49)
126	Eqs. (5.51) & (5.52)
127	first four equations
127	first line after Eq. (5.54)
127	line 7 from bottom
128	line 4
129	lines 5 & 7
147	Ex. 5, line 2
148	item c, line 4
177	Example 6.8, lines 7, 8, & 10