DIGITAL SIGNAL PROCESSING WITH EXAMPLES IN MATLAB

Samuel D. Stearns CRC Press 2002 ISBN 0-8493-1091-1

List of Corrections – Third Printing

Note: Corrections are listed in the order in which they were sent to CRC.

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p.130, Exercise 5 — In the equation, change "COS" to "cos"

p.152, Fig. 6.11 — In the digital filter power gain plot, change "π / T" to "0.5"

p.154, line 6B — Change "$M = N = 2$" to "$M = N = 3$"

p.173, Eq. (7.14), line 1 — Add term to end of line: "$+\frac{\mu}{\sqrt{\pi}} \int_{-\infty}^{\infty} e^{-y^2} dy$"

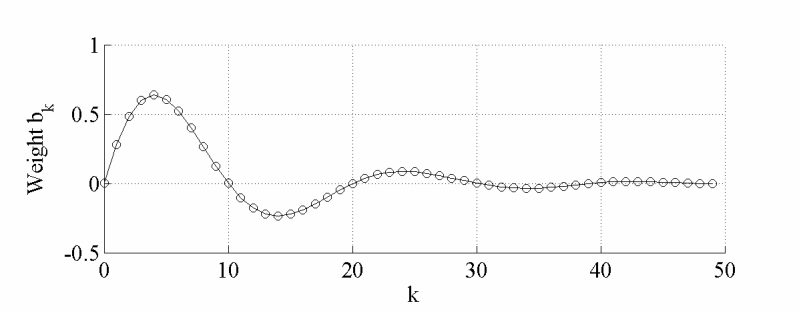
p.173, Eq. (7.14), line 2 — Change "$+\mu \int_{-\infty}^{\infty} e^{-y^2} dy$" to "$+\frac{\mu}{\sqrt{\pi}} \int_{-\infty}^{\infty} e^{-y^2} dy$"

p.214, Eq.(8.28), last line — Change "$x_2x_2 + x_3x_3 + x_4x_4$" to "$x_1x_1 + x_2x_2 + x_3x_3$"

p.215, line 5B — Change "being response of $U(z)$" to "being the response of $U(z)$"

p.219, Eq. (8.40), last line — Change "d=filter(c*sin(.1*pi), [1 -2*c*cos(.1*pi) c^2], f);"
to "d=filter([0 c*sin(.1*pi)], [1 -2*c*cos(.1*pi) c^2], f);"

p.220, Fig. 8.15 — Replace the upper half of the figure:



* Above corrections mailed 4/17/2003

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p.191, line 1 above Eq. (7.38) — Change "autocorrelation function" to "correlation function"

p.281, Eq. (10.6) — Insert a minus sign in front of the summation

p.281, Eq. (10.8) — Insert a minus sign in front of the summation.
Change upper limit from "7" to "2"

* Above corrections mailed 6/5/2003

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p. 29, Eq. 2.28 — Change "$\left(1-2\cos(2\pi mn/N)\right)/2$" to "$\left(1-\cos(4\pi mn/N)\right)/2$

p. 46, line 3 after Eq. 3.16 — Change "instead of N products" to "instead of N^2 products"

p. 194, Ex. 1b — Change "(7.5)" to "(7.6)"

p. 195, Ex. 4, line 2	Change "average power" to "variance"
p. 236, line 4b	Change "solving for $[b_0, b_1]$" to "solving for $[b_0, b_1, b_2]$"
p. 244, Eq. 9.6, first line	Change "$\delta(n)\Phi_{ff}b$" to "$\delta(n)'\Phi_{ff}b$"
p. 264, Eq. (9.71)	Change "$uN\,MSE_{\min}$" to "$u\,MSE_{\min}$"
p. 264, Eq. (9.72)	Change "*uN"* to "*u*"
p. 266, Fig. 9.11	Change vertical scale from "0:0.12" to "0:0.06"
p. 266, line 8b	Change "the ideal time constants (9.69)" to "the time constants (9.69) with $\sigma^2 = \lambda_{\min}$"
p. 273, Ex.16, line 5b	Change "*n*th " to "*m*th"
p. 298, Fig. 10.15	In the block diagram, change "Linear predictive coding" to "Transform coding"

* Above corrections mailed 5/8/2006

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p. 311, Fig. 10.33 title	Change "y_1 through y_4" to "y^0 through y^3".