

page	correct
p.30 Fig.3.1	<p>Decomposition of sequence (period D 8) into odd and even sequences from Fig. 14.3 in [7]</p> <p style="text-align: center;">Sequence                      Causal                      Non-causal</p> <p>The diagram illustrates the decomposition of a sequence of 16 samples. The original sequence is shown as a bar chart with values [2, 4, 6, 8, 10, 12, 14, 16]. This is decomposed into a Causal part (values [1, 4, 6, 8, 5] followed by three zeros) and a Non-causal part (values [1, 0, 0, 0, 5, 12, 14, 16]).</p> <p>The Causal part is further decomposed into an even sequence (values [1, 2, 3, 4, 5, 4, 3, 2]) and an odd sequence (values [0, 2, 3, 4] followed by three zeros and values [-4, -3, -2]).</p> <p>The Non-causal part is further decomposed into an even sequence (values [1, 8, 7, 6, 5, 6, 7, 8]) and an odd sequence (values [0, 0, 0, 0, 6, 7, 8] followed by values [-8, -7, -6]).</p>

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## Chapter 6

21, September, 2016

page	error	correct
p.126 line 10 (eqn.(6.93)) ~line 11	$+ (2\Re[a])^2 - 2\Re[a](1 +  a ^2)z^{-1} +  a ^2 z^{-2}].$	$+ (2\Re[a])^2 - 2\Re[a](1 +  a ^2)z^{-1} +  a ^2 z^{-2}]$ for $Z = e^{i\Omega}$ .

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## Chapter 7

20, June, 2016

page	error	correct
p.143 eqn.(7.20)	$x(t) = \frac{1}{2} A_0 + \sum_{k=1}^{\infty} (A_k \cos kx + B_k \sin kx)$	$x(t) = \frac{1}{2} A_0 + \sum_{k=1}^{\infty} (A_k \cos kt + B_k \sin kt)$
eqn.(7.21)	$x_N(t) = \frac{1}{2} A_0 + \sum_{k=1}^N (A_k \cos kx + B_k \sin kx)$	$x_N(t) = \frac{1}{2} A_0 + \sum_{k=1}^N (A_k \cos kt + B_k \sin kt)$

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