

# Fundamentals Of Digital Signal Processing Solutions Manual

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## **Digital Signal Processing - 3rd Edition**

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## **Digital signal processing - Wikipedia**

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3.0 out of 5 stars Fundamentals of Digital Signal Processing Reviewed in the United States on October 4, 2009  
This book is not as lucid as some of the other reviews have been ranting about on the internet.

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1.1 Suppose the input to an amplifier is  $x_a(t) = \sin(2\pi F_0 t)$  and the steady-state output is  $y_a(t) = 100 \sin(2\pi F_0 t + \phi_1) - 2 \sin(4\pi F_0 t + \phi_2) + \cos(6\pi F_0 t + \phi_3)$  (a) Is the amplifier a linear system or is it a nonlinear system? (b) What is

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