

#Jenny



Finally I get this ebook, thanks for all these I can get now!

#Rio



Cool! I'am really happy

#Markus Jensen



I did not think that this would work, my best friend showed me this website, and it does! I get my most wanted eBook

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#Che Salsa



My friends are so mad that they do not know how I have all the high quality ebook which they do not!

#Diego Butler



so many fake sites. this is the first one which worked! Many thanks

## CHAPTER 1

1.1 to 1.41 - part of text

- 1.42 (a) Periodic:  
Fundamental period = 0.5s  
(b) Nonperiodic  
(c) Periodic:  
Fundamental period = 3s  
(d) Periodic:  
Fundamental period = 2 samples  
(e) Nonperiodic  
(f) Periodic:  
Fundamental period = 10 samples  
(g) Nonperiodic  
(h) Nonperiodic  
(i) Periodic:  
Fundamental period = 1 sample

$$1.43 \quad y(t) = \left( 5 \cos \left( 200t + \frac{\pi}{4} \right) \right)^2 \\ = 9 \cos \left( 200t + \frac{\pi}{4} \right) \\ + \frac{9}{2} \left[ \cos \left( 400t + \frac{\pi}{2} \right) \right]$$

(a) DC component =  $\frac{9}{2}$

(b) Sinusoidal component =  $\frac{9}{2} \cos \left( 400t + \frac{\pi}{2} \right)$   
Amplitude =  $\frac{9}{2}$

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