

#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

#Hun Tsu



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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

$$\begin{aligned} 1.43 \quad y(t) &= \left(5 \cos \left(200t + \frac{\pi}{4} \right) \right)^2 \\ &= 9 \cos^2 \left(200t + \frac{\pi}{4} \right) \\ &= \frac{9}{2} \left[\cos \left(400t + \frac{\pi}{2} \right) + 1 \right] \end{aligned}$$

(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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