Physics 231 - 1-Dec-99

- Announcements
- Resonance
  - Driven Oscillation
  - Film
- Interference
- Fourier Series
- Quiz

Resonance

- Driven Oscillations

Interference

- sin(A)+sin(B)=1/2sin((A+B)/2)cos((A-B)/2)

Fourier Series

Q1 - Answer = c
Q2 - Problem A - Last name A-K

Which of the wave forms below is the dominant harmonic in the wave in the drawing?

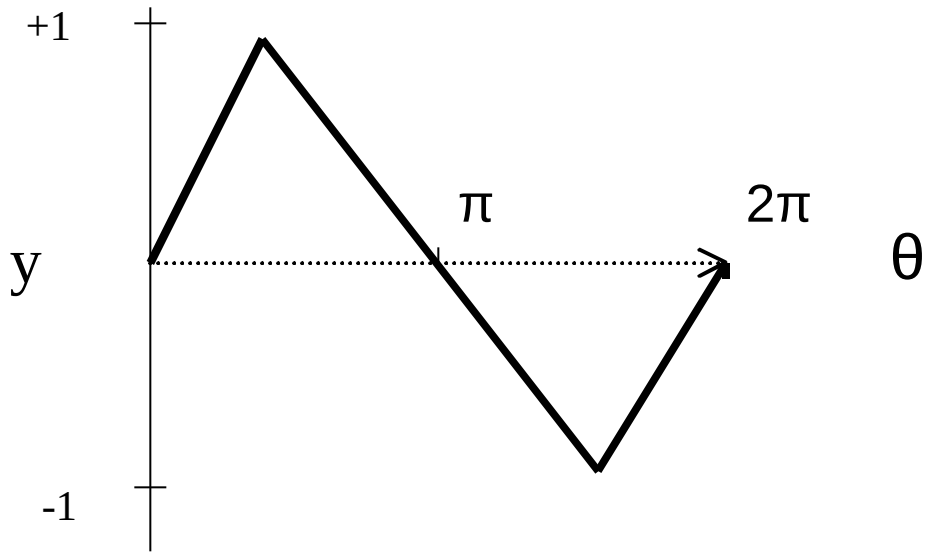
A. sin (θ)

B. cos (θ)

C. sin (θ/2)

D. cos (θ/2)

E. sin (2θ)



Q1 - Answer = c
Q2 - Problem B - Last Name L-Z

- Which of the waveforms below represents the dominant harmonic in the wave in the drawing?

A. sin (θ)

B. cos (θ)

C. sin (2θ)

D. cos (2θ)

E. cos (θ/2)