

Physics 1214 - General Physics II

Quiz #21 - 2013.04.03

Solutions

1. When does constructive interference occur between two waves?

Constructive interference occurs when the path difference between two sources is an integer number of wavelengths.

2. State Huygens Principle.

Every point of a wave front may be considered the source of secondary wavelets that spread out in all directions with a speed equal to the speed of propagation of the wave.