

# Physics 1214 - General Physics II

Quiz #23 - 2013.04.08

Solutions

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1. To reduce the diameter of Airy disks, should one use an imaging device with a larger or smaller aperture?

Larger aperture diameter results in smaller Airy disks.

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.