2. Double slit interference—intensity

Instead these explicitly, this week. You need hand in only those problems
Note: This problem set contains both the new problems due and requires all of the previous
problems and contains Young and Freedman

1. Reading assignments from Young and Freedman

Due Before 9:00 am October 21 1999

Homework

Handout October 14

Physics 214 Fall 99—Problem Set 8
Simulation Section.
Before starting please read the introduction and introduction to the lab manual for hangars needs to be completed and handed in.

The following sections from the lab manual for hangars needs to be completed:

1. Hygiene

[6 Points]

Computing

approximation holds.

consider the resolution of the scene at the center where the small angle may appear. Resolution for simplicity in making the estimates you may assume 2 feet, 1/2 feet as pixels so that when viewed at a distance of 60 cm (about 18 inches) can estimate how many pixels of resolution a computer screen of which is 5 mm in diameter. Assuming that the average human pupil size is 6 mm in diameter.

6. Resolution