

CS 230, Quiz 2

Solutions

You will have 5 minutes to complete this quiz. There is one question. No books, notes, or other aids are permitted.

Problem 1

Below is a simple 2D raytracing setup. The 1D image has three pixels. The blue object is made of glass (reflective and transparent). The red and green objects are made of wood. The two yellow circles are point lights. Draw all of the rays that would be cast while raytracing this scene. The portion of each ray before the first relevant point of intersection should be solid. After that, the ray should be continued with a dashed line.

