CS423 Programming Assignment 4

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Contents

1   Overview

We're back in the art museum from the previous assignment. Rather than post-modern white, we want the floor to be paneled with wood. The floor is made of stone In front of you is a podium in a central box. On the podium is a mirrored sphere setup upon a metal cube. There are two spotlights attached to the roof in the upper left corner of the niche and upper right corner of the niche, aimed at the metal box.

2   Instructions

Use THREE.js to render this scene. Write your application so that the user can switch between a top down view of the contents of the glass box and a front view of the glass box. Assume a basic soft white ambient lighting. Use the appropriate materials and textures to render the scene.

3   Submission instructions

Combine your source code, test data, and examples of your program's execution into a single PDF document. Attach this document to your submission on Blackboard.