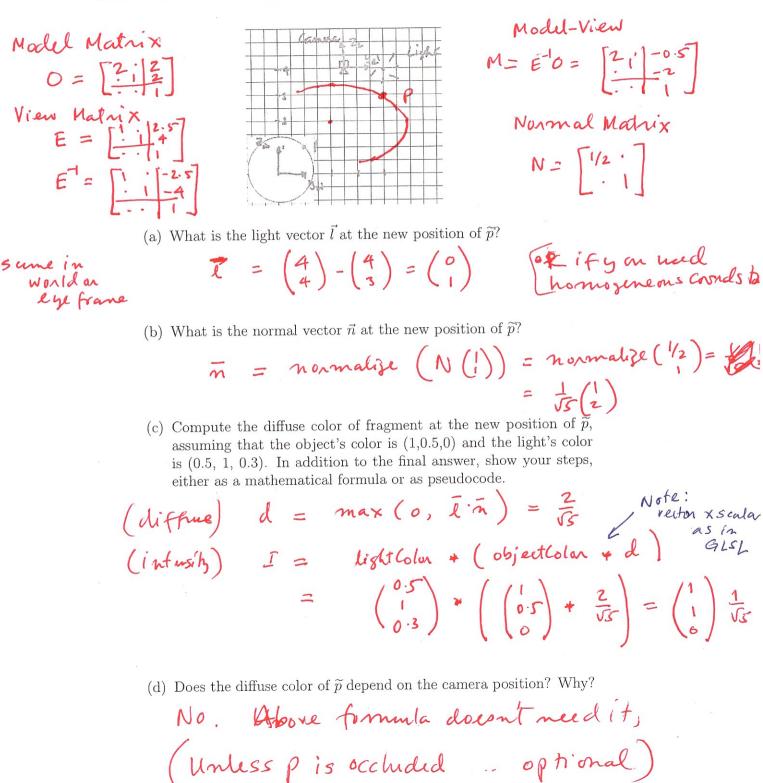


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Student ID:

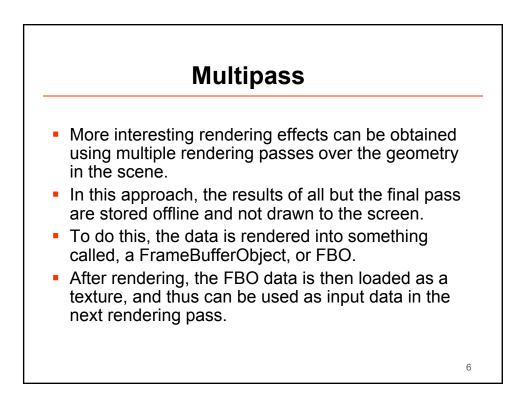
6

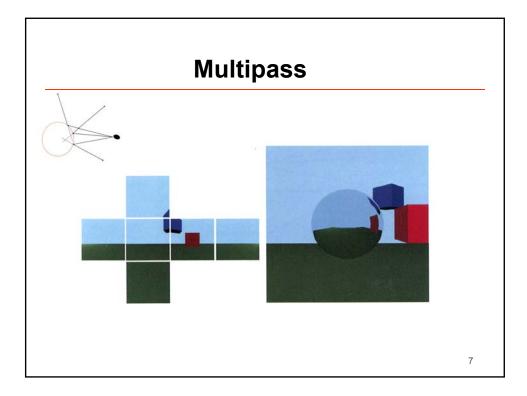


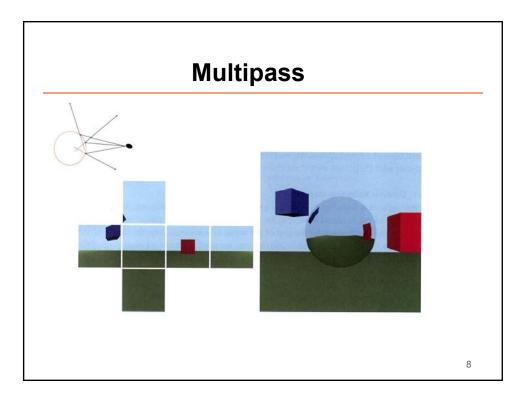
5

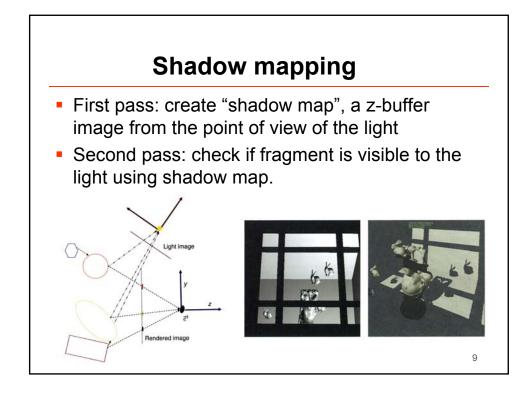


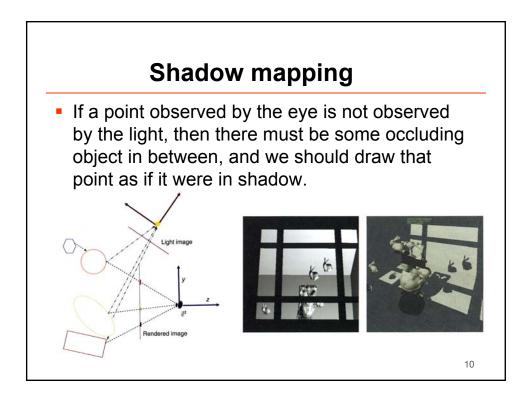
- Q6: Mainly asked to see if you understand what projector textures do. With geometric reasoning answer is easy = 0.5. If you tried to compute it, more complex... go partial credit for being on right track.
- Q7: see attached

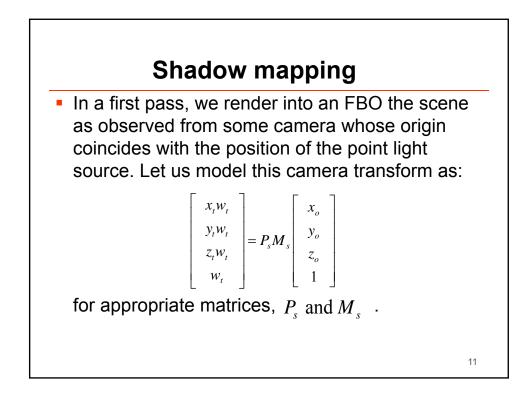


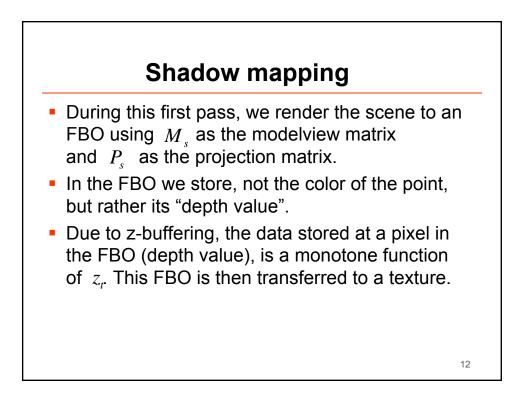












Shadow mapping

- During the second rendering pass, we render our desired image from the eye's point of view, but for each pixel, we check and see if the point we are observing was also observed by the light, or if it was blocked by something closer in the light's view.
- To do this, we use the same computation that was done with projector texture mapping
- Doing so, in the fragment shader, we can obtain the varying variables x_t, y_t and z_t associated with the point [x_o, y_o, z_o, 1]^t.

