Physically Correct - Part I

Assigned : 1/27/15
Due : 10:30am, 2/5/15

This is an “algo” assignment to the Physically Correct project that you will soon be implementing. It will count towards your written homework grade.

We are releasing this part first because we’d like you to mull over this problem before tackling the shader assignment. Thinking about how certain visual phenomena arise from the rendering equation is one of the greatest life skills a person can achieve in his or her lifetime.

Problems:

1. Read chapter 27 of the textbook
2. Do exercise 27.3, on page 743 of the textbook ("A bookshelf holds three books ..."). Draw a diagram to explain the phenomenon.