

## Pre-Class Assignment 3

### Reading Material 1: **NeRF**

Question 1:

What problem is *NeRF* trying to solve? Give a brief description.

Question 2:

Name three technologies that *NeRF* used. Give a brief description to each one of them. (You can think of technologies as algorithms which have input and output).

### Reading Material 2: **Direct Volume Rendering**

Question 3:

There are three optical properties that control light passing through a medium. What are they? Give a short description to each one of them.