

## Light Fields

### 1. Plenoptic Function

- a. The plenoptic function is typically described as having 5 parameters...what are these parameters?
- b. What value is returned by the plenoptic function?

### 2. Light Fields

- a. A light field is typically described as a function having 4 parameters...what are these parameters?
- b. What value is returned by a light field?
- c. Why is it possible to only use 4 parameters and yet have the function cover an entire volume of free space like a hallway?
- d. One can think of a light a field as a 2D array of\_\_\_\_\_.

### 3. Compression

The Steam app Welcome to Light Fields by Google uses real-time decompression to render the light field.

- [illegible]