

Section 1: Getting Started with Images

Introduction

Some things we will learn

- What is color?
- How does a camera see an image?
- How to read/write images?
- How to manipulate pixels?
- A lot more!

How is An Image Formed

Throughout history the phenomena of imaging has been explored by many ancient civilizations. The most used primitive form of a camera that has been used was the pinhole camera. The pinhole camera works by taking the light waves that bounce off of an object and projecting them through a small hole.

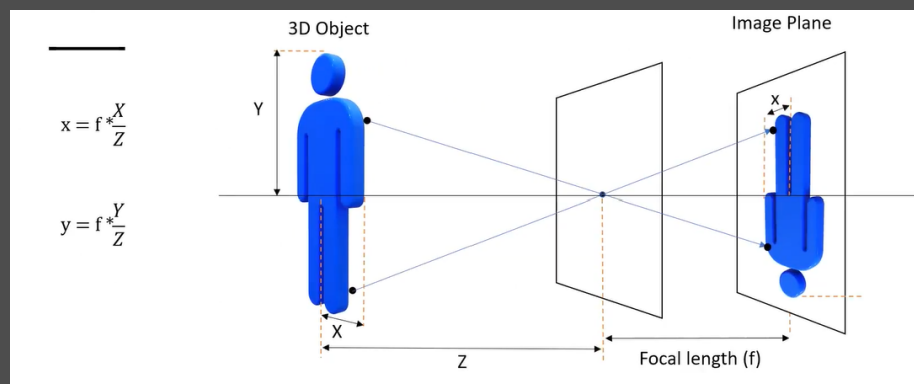


Figure 1: PinHole Camera Example