

UNIVERSITY OF KENTUCKY

MASTER THESIS

---

# Real-Time XYZ rectified Reconstruction

---

*Author:*  
Sen Li

*Supervisor:*  
Daniel L. Lau

May 27, 2016



# Chapter 1

## Introduction

introduction to the first chapter goes here.

### **1.1 3D imaging**

### **1.2 Universal 3D camera calibration**

1. What is universal RGBD camera
2. principles to get D.(structured light illumination; Time of Flight; comparison)
- 3.

### **1.3 Contributions of this thesis**

### **1.4 Summation**

### **1.5 Welcome and Thank You**