三维点云算法

Date: 2020.07.03
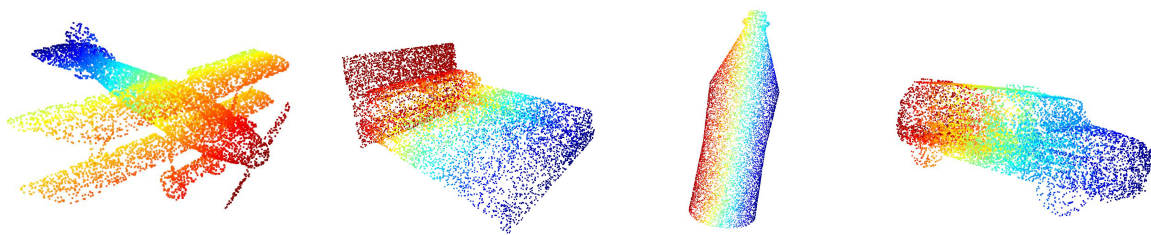Author: MagicTZ
Homework: 01
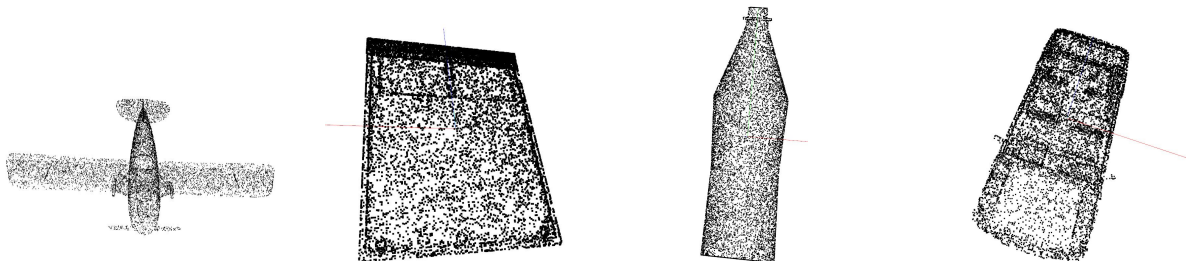Description: The implementation of PCA, surface normal estimation and downsampling

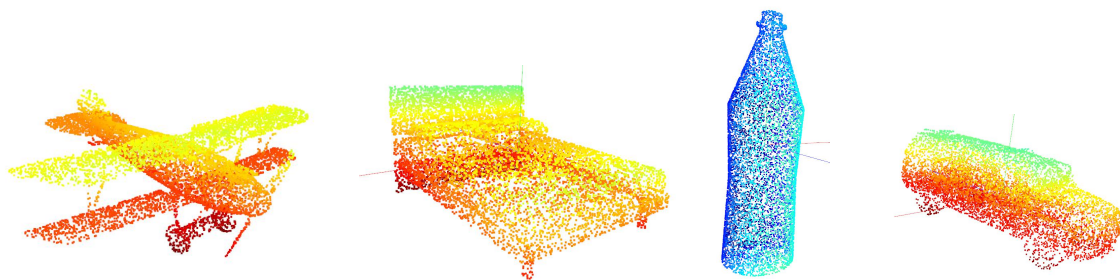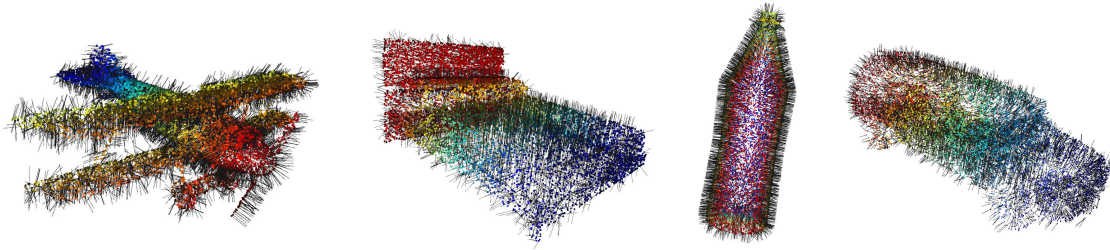## 1 PCL Visualization

1.1 Origin

1.2 The first and second principle (Only a plane)
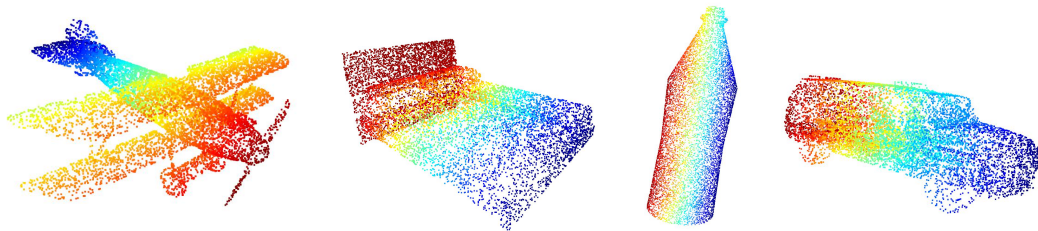

1.3 The result of decoder

2 Surface Normal Estimation

3 Downsampling

3.1 Origin

3.2 Centroid

3.3 Random