

3D reconstruction with structured light and multiple cameras

A. Goals:

- 3D reconstruction with structured light and multiple cameras

B. Brief Description:

- Structured light method uses a camera and a projector.

However, the method can't be reconstructed a object fully, at one time. To solve this problem, I approaches to use multiple cameras

C. Heights of Achievements this semester (using bullets)

- Understanding and visualization of 3D image using structured light and camera calibration methods

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Original Model Image



Reconstructed 3D image