Q1.

A black square with a white dot

AI-generated content may be incorrect.

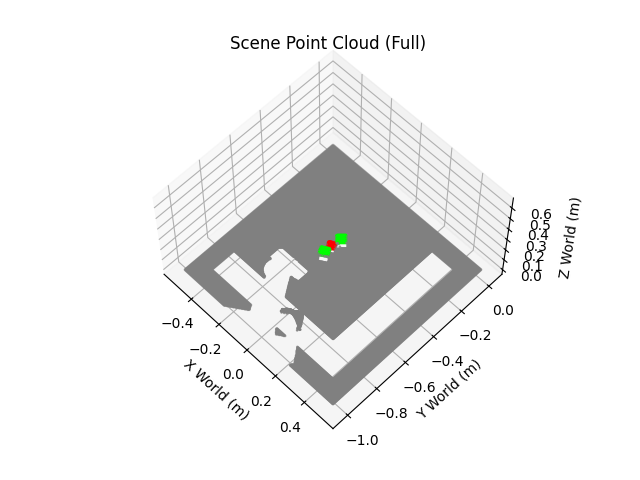
Q2.

1. Equations for calculating 3D point cloud (camera frame) from a depth image

Where and are the focal lengths, and are the principal point.

1. Equations for transforming the obtained point cloud to the world coordinate frame

Where is the inverse of the extrinsic matrix.



Q3.