Problem:
- 3D surrounding is essential in robotics, autonomous vehicles, AR/VR
- Multiple sensors: LIDAR, RADAR, camera
- Cost of sensors

Current Studies:
- Deep Learning based depth estimation uses only a camera
- Monocular cameras - Dynamic
- Multi-view cameras - Static
- No need for LIDAR depth values
- Effective methods are limited within a dataset

Seq=07, KF=395

Our Study:
- Combining strengths of previous studies
- State of the art results
- Large scale reconstruction
- Effective in other datasets: KITTI, Oxford Robot-Car
- Camera as lead sensor

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