

White Paper on Obstacle Detection via a Stereoscopic Camera System, Using Deep Learning

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1 Section 1

There are a significant amount of references for helping people to learn L^AT_EX [1–29] and related information/technologies.

2 Alternate Plan

Data sets to use in lieu of poor, failed, and/or untimely data acquisition, and preprocessing of data set:

1. Manuela Chessa’s GENUA PESTO – GENoa hUman Active fixation database: PEripersonal space STereoscopic images and grOund truth disparity: <https://www.manuelachessa.it/sample-page/benchmarking-datasets-2/>
2. The KITTI Vision Benchmark Suite: http://www.cvlibs.net/datasets/kitti/eval_object.php
3. Mapillary Vistas Dataset: <https://www.mapillary.com/dataset/vistas?pKey=cc5dEAyQECBFF9MN3Mbdlat=20&lng=0&z=1.5>
4. ApolloScape: <http://apolloscape.auto/>
5. BDD100K self-driving dataset: [urlhttps://www.therobotreport.com/uc-berkeley-opens-self-driving-dataset-bdd100k/](https://www.therobotreport.com/uc-berkeley-opens-self-driving-dataset-bdd100k/):
(a) <http://bdd-data.berkeley.edu/> and <https://deepdrive.berkeley.edu/>
6. nuScenes: <https://www.nuscenes.org/>
7. Cityscapes Dataset: <https://www.cityscapes-dataset.com/>
8. Top Open-Source Lidar Driving Data Sets: https://mighty.ai/blog/top_open_source_lidar_driving_datasets/
9. Apollo Data Open Platform : <http://data.apollo.auto/?locale=en-us&lang=en>

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