

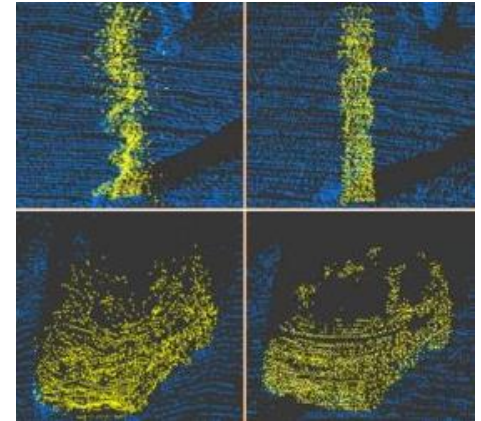
BaTh Development of a Toolbox for Evaluation of Pointclouds

Task description in English

- Detections in pointclouds are a common representation of RADAR and Lidar sensors
- Comparing two different pointclouds is challenging since many metrics are available
- This work implements a toolbox for application of metrics
- Objective is simple application and comparison of multiple metrics on detection level

Task Details

- Research on representations, perception, modeling, metrics
- Specification of data format and implementation framework
- Selection of suitable metrics
- Implementation of metrics in framework
- Application and evaluation of selected metrics



https://www.researchgate.net/publication/349286263_Pseudo-LiDAR_Point_Cloud_Interpolation_Based_on_3D_Motion_Representation_and_Spatial_Supervision/figures?lo=1

NOTICE: All projects and theses at FZD can be done in English or German, as preferred.

ANMERKUNG: Alle Projekte und Arbeiten bei FZD können wahlweise in Englisch oder Deutsch durchgeführt werden.