Additional References

Reference Papers, Web links, Books

Research Papers

- Object-Level Fusion for Surround Environment Perception in Automated Driving Application https://d-nb.info/113647157X/34
- Radar and Vision Sensor Fusion for Object Detection in Autonomous Vehicle Surroundings (from IEEE)
- Development of Sensor Fusion Based ADAS Modules in Virtual Environments
- Vision Based Advanced Driver Assistance System Using Deep Learning (IEEE paper)
- Multimodal Deep Learning for AdvancedDriving Systems (https://cloud-lsva.eu/wp-content/uploads/sites/4/2018/11/multimodalDeepLearningForAdvancedDrivingSystems_withAuthors.pdf)
- A Survey of Deep Learning Techniques for Autonomous Driving (https://arxiv.org/pdf/1910.07738.pdf)
- DepthCN: Vehicle Detection Using 3D-LIDAR andConvNet (https://home.isr.uc.pt/~cpremebida/files_cp/DepthCN_preprint.pdf)

Books

- Handbook of Driver Assistance Systems (https://link.springer.com/referencework/10.1007/978-3-319-12352-3)

- Machine Learning and Embedded Computing in Advanced Driver Assistance Systems (ADAS) (https://www.mdpi.com/books/pdfview/book/1573)

Web-links

- https://www.abdynamics.com/en/applications/lab-and-track-testing/adas-testing
- https://www.plm.automation.siemens.com/global/en/products/simulation-test/adas-testing.html
- https://www.avl.com/adas
- https://www.oxts.com/industry/adas-testing/
- https://www.ni.com/en-us/innovations/automotive/advanced-driver-assistance-systems.html
- https://paperswithcode.com/task/sensor-fusion
- https://www.ti.com/applications/automotive/adas/overview.html
- https://www.st.com/content/dam/AME/2019/developers-conference-2019/presentations/STDevCon19_7.5_Overview%20of%20ADAS-Active-Safety.pdf

Web-links

- https://www.automotive-iq.com/autonomous-drive/articles/sensor-fusion-technical-challenges-for-level-4-5-self-driving-vehicles
- https://www.youtube.com/watch?v=AtOdTcvD3BY
- https://www.youtube.com/watch?v=AwuEHDBw1f4
- https://www.youtube.com/watch?v=MrX2iNYaLbs&list=RDQM8lqYtt9GBVM&start_radio=1