Research Documents for the Perception Research Team at BirdsEye

Nikhil Sharma

March 4, 2024

1 MultiSensor Multitarget Video Tracking

- $\bullet \quad \text{Multi-Target_Multi-Camera_Tracking_by_Tracklet-to-Target_Assignment.pdf}$
- Performance Measures and a DataSet for Multi Target Multi Camera Tracking.pdf

2 Pedestrian Tracking

- Performance Measures and a DataSet for Multi Target Multi Camera Tracking.pdf
- 3 Segmentation
- 4 Optical Flow
- 5 Single Camera
- $\bullet \quad Sigma_Set_Based_Implicit_Online_Learning.pdf$

6 Classical Tracking Related

• The Probabilistic Data Association Filter.pdf