

Exercise: Multiple Object Tracking

- (c) List the key steps in the tracking-by-detection multiple-object tracking in video.

(6 Marks)

Solution

(c) Key steps in tracking-by-detection multiple-object tracking:

- Detection: Use a detector to initialize tracks at frame t .
- Motion prediction: predict the next positions of objects using motion model.
- Data association: Match predicted positions with detections at frame $t+1$.