

OBJECT DETECTION AND TRACKING

ABSTRACT:

Moving object tracking is a key task in video monitoring applications. Object detecting and tracking has a wide variety of applications in computer vision video surveillance. The first step in this project is to detect the object position in the given video frame , and second part of the project is to track that object i.e, determining the object position in the next video frame using Kalman filter.

In the paper GMM is used for object(car) detection,I would try to implement the different object detection algorithm.

REFERENCE:

[1] Indrabayu, R. Y. Bakti, I. S. Areni and A. A. Prayogi, "Vehicle detection and tracking using Gaussian Mixture Model and Kalman Filter," 2016 International Conference on Computational Intelligence and Cybernetics, 2016, pp. 115-119, doi: 10.1109/CyberneticsCom.2016.7892577.