











Uniform and Epanechnikov kernel. From table 3 it is observed that it takes less time to track when compared with Gaussian kernel. It is observed that from all the tables Epanechnikov kernel gives maximum accuracy when compared to other kernels. Finally from all the tables we can observe that the Epanechnikov kernel will give the best results.

## 7 Conclusion and Future Work

The proposed approach efficiently tracks the object or human. Mean shift algorithm for tracking works fine with different size of searching window. This method includes color and grey level intensity values. Proposed algorithm has three different kernels which show satisfactory results. Epanechnikov kernel will give best results. The edge feature is used get the more appropriate result to the proposed method. There are many types of kernels like triangular, tricube, logistic can be used for distribution.

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