Problem Statement: Automatic tracking a single foreground object from a video shot having un-constrained and jittery camera movement.

Input:
- Moving camera video shots which are jittery in nature containing a single object

Expected Output:
- The object in motion being tracked

Hint for excellence: Special Credit will be given if the designed system could able to (i) automatically track the silhouette without manual initialization and (ii) compare the performance of segmentation with various levels of jitter.

Additional Material: Dataset and related video processing software will be given to you separately.

References


