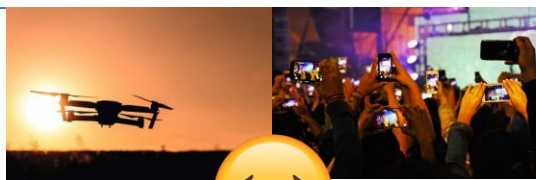


Deep Homography-Based Video Stabilization



Amateur videos: unstable

Solution:

Digital Video
Stabilization



Tasks:

Feature Smoothness
Extraction

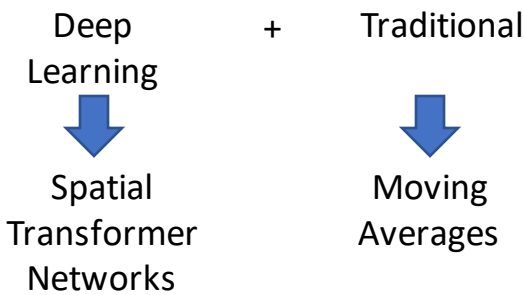
Traditional



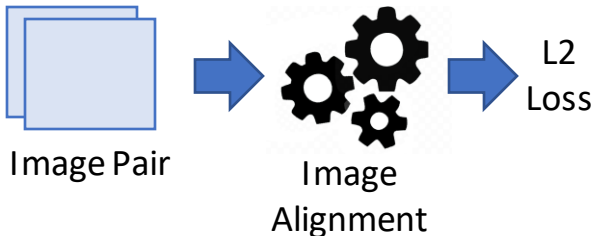
Deep Learning



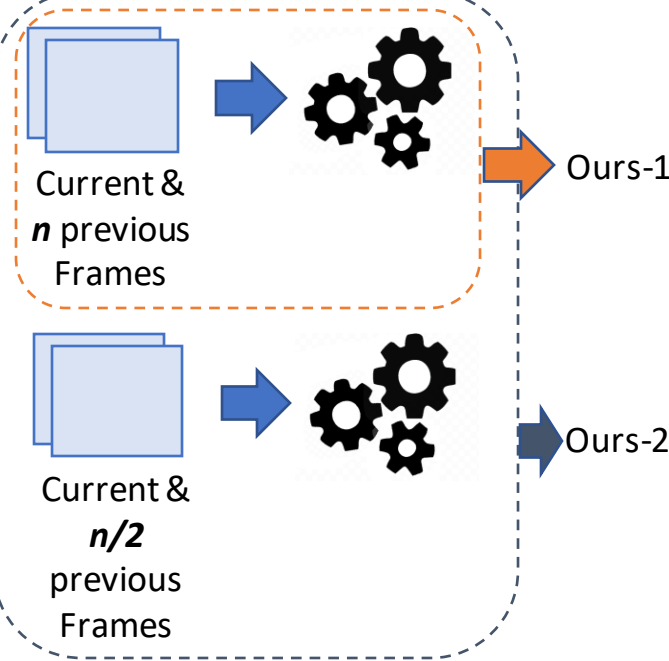
In this paper:



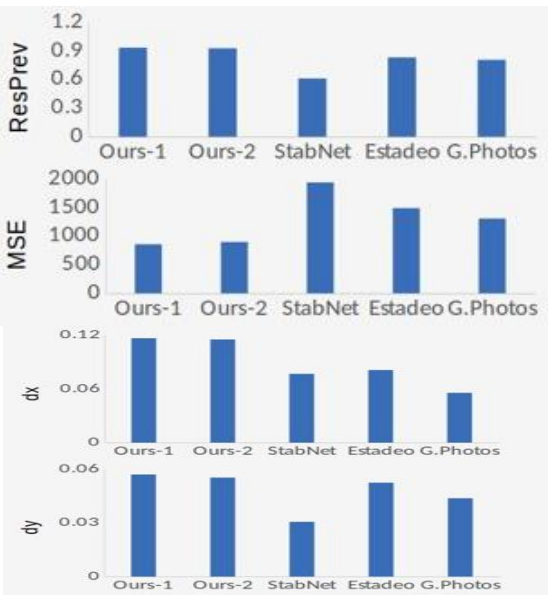
Training:



Testing: for every frame,



Experimental Results:



Conclusion:

1. DL + Traditional method strengths
2. Robustness to scene content
3. Outperforms the baseline

