

DENSE TRAJECTORIES

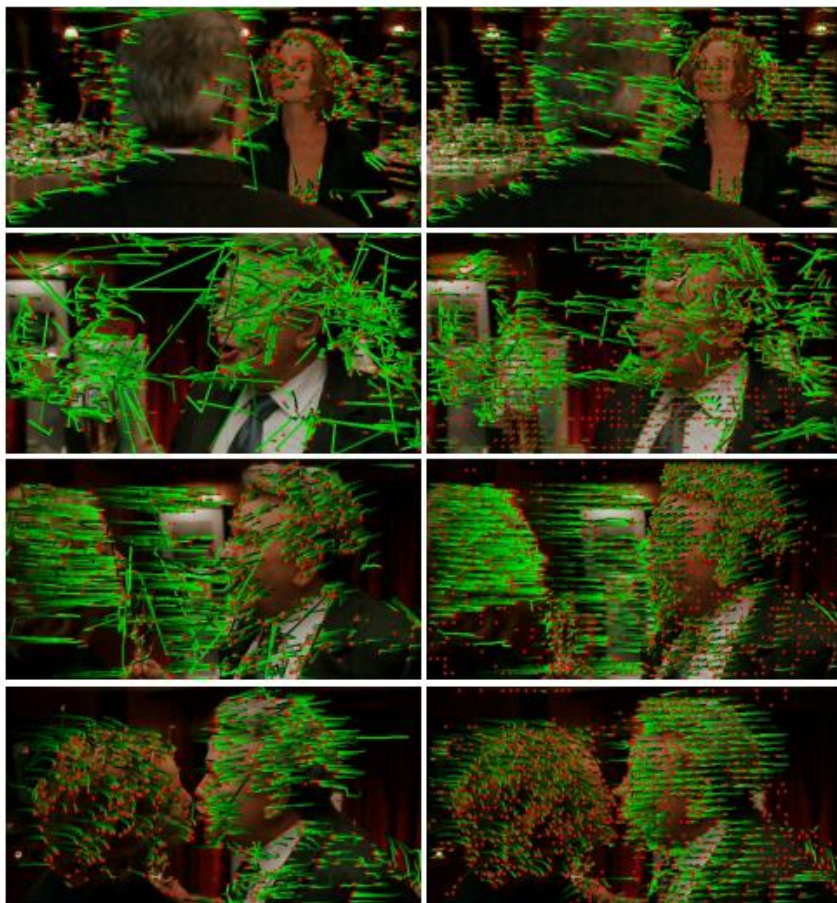
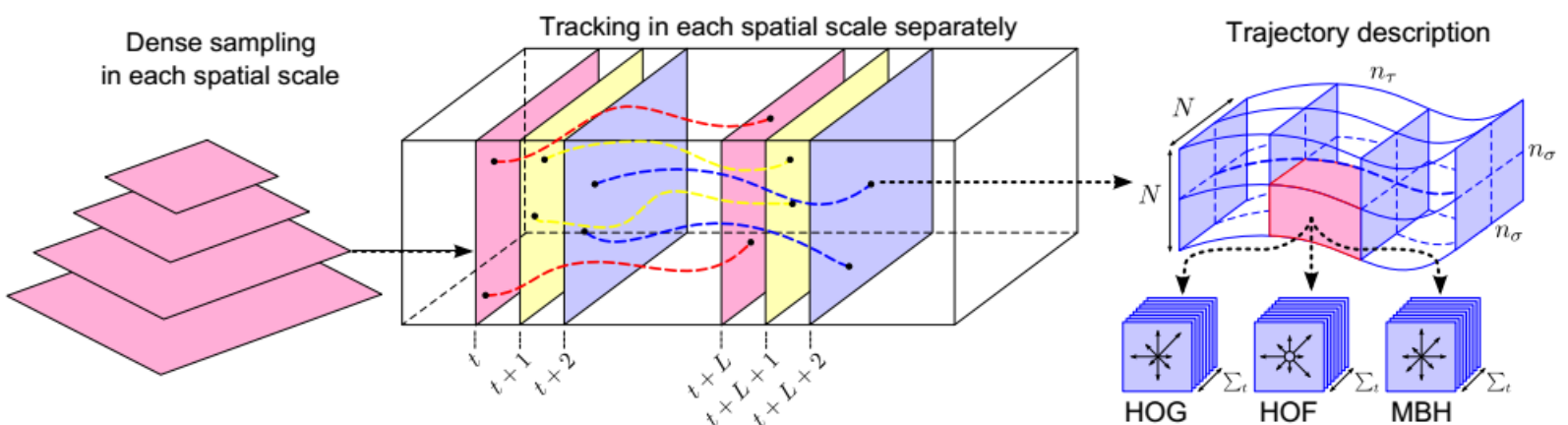
An efficient “feature trajectory” extraction method inspired by dense sampling used in image classification.

What is a Trajectory?

The path of a feature point over the time frames of a video

Why Dense Trajectory?

KLT Tracker and matching SIFT features are being outperformed in terms of high quality and high quantity trajectories.



KLT

Dense trajectories

Uses

- Security camera systems
- Video compression
- Robotics
- Automated traffic surveillance system
- Virtual reality gaming
- Action recognition
- Video stabilizing
- Manufacturing quality control
- Medical applications