

E9 206 Digital Video: Perception and Algorithms  
Assignment 4  
(Due Jan 15, 2021)

1. **Visual Odometry** (10 points)

Download a sample implementation of Visual Odometry available at <https://github.com/avisingh599/mono-vo>. Replace Nister's 5-point algorithm for estimating the essential matrix with the 8-point algorithms we discussed in class and compare results in terms of the trajectory on a couple of videos. Also prepare a report containing differences in the steps implemented in the code versus the steps we had discussed in class.