

Program-2

Due October 30 4PM

- Implement Tomasi-kanade Algorithm
 - Generate tracks (detect points+solve correspondence e.g. STK tracker)
 - Compute SVD (MATLAB)
 - Find Q matrix using Newton's method
 - Find S (structure) and R (Rotation) matrices
- For two sequences (CAP6411 website), use the given tracks
- For at least one sequence (CAP6411 website), generate your own tracks
- Show the computed R as three plots for rotation angles wrt to frame number
- Show computed 3D of points using MATLAB 3-d plot
- Show results using view synthesis (texture mapping) for extra credit