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