COS429

Computer Vision

Homework No.1 Part 1

Due: In class on Tuesday, September 23, 2008

Watch the film series of Computer Vision, Fact & Fiction

This is an educational film series to inspire students to explore and discover the often misunderstood field of Computer Vision. There are eight episodes in total. Each one will cover a subfield of computer vision and the related technology that has been used or misused in famous Hollywood movies.

The episodes are listed below:

1. Prequel
2. Biometrics
3. Recognition and Segmentation
4. 3D Vision
5. Image Based Rendering
6. Beyond the visible Spectrum
7. Tracking
8. Image Enhancement and Super-Resolution

For this part of the homework, you need to watch the films, and prepare to discuss them in class on Tuesday Sept 23.

Please download the films in the course materials section at Blackboard. The videos are encoded using xvid codec. We recommend using VLC media player to watch the videos.

For more informations, please check out the films' official website:

http://vision.ucsd.edu/cvd/