

CS485/685 Computer Vision
Spring 2009 – Dr. George Bebis

Homework 1

Due Date: 2/5/2009

1. Browse through the web-pages of various computer vision research groups and find three, most interesting to you, research projects. Links to computer vision research groups worldwide can be found in the *Computer Vision Home Page* (i.e., there is a link to the *Computer Vision Home Page* from our course's web-page). Give the title of the project, the names of the main researchers involved, their affiliations, a short description of the project, and the web-address of the project. Explain why you found these projects interesting.

2. Most of the Computer Vision journals listed in the course's web-page are available on-line through the UNR library (under "Electronic Journals"). You need to browse through the contents of January's issue available in each case of the following journals:

- *IEEE Transactions on Pattern Analysis and Machine Intelligence*
- *Computer Vision and Image Understanding*
- *Image and Vision Computing*
- *International Journal of Computer Vision*

Identify one article from each journal that you find most interesting. Briefly describe what is the main problem addressed in each paper and why you have found it interesting. Print the first page of that article and turn it in with your assignment.