Assignment A11: Segmentation

CS 6320
Spring 2014

Assigned: 24 March 2014

Due: 9 April 2014

For this problem, handin the results as a lab report in a pdf (include name, date, assignment and class number in pdf). You should handin the results pdf as well as the Matlab code used in the study. The code should conform to the style requested in the class materials.

In addition, please turn in a hardcopy of the results in class before the start of class on April 9, 2014.

Segmentation: The goal of this lab is to compare kmeans to the graph cut method and see which works better. You need to:

1. Choose some reasonable sets of imagery.

2. Set up a statistical framework for the comparison.

3. Choose some appropriate measures of the quality of the segmentation.

4. Give a good discussion in each section of the lab report.