

CAP5415 Computer Vision Fall 2012
Programming Assignment # 2
(Due 10/9/12)

Implement SIFT Interest point detector

Deliverables: Source code, Project report discussing problems encountered, where the algorithm fails, Images of intermediate steps. Classroom demo is required on an unknown set of images. Program should display computed features. A comparison with the author's program (only executable) should show if your algorithm fails. Look at the IJCV paper by D. Lowe.

Additional information:

Please send your assignments by email to berkansolmaz@yahoo.com

The executable and the original paper can be found at:

<http://www.cs.ubc.ca/~lowe/keypoints/>

David G. Lowe, "Distinctive image features from scale-invariant keypoints," IJCV 2004.