Depth from Stereo

EE 702 Course Project Choice-2

Submission deadline - February 28, 2014

1. Take a ground truthed image pair.
2. Run stereo matching algorithm. Find the sparse depth map.
3. Interpolate for a dense depth map.
4. Represent the depth as an image.
5. Compare with respect to ground truth.
6. Repeat steps 1-5 for input images with different amount of content/texture.
7. Collect your own stereo data and repeat experiment.
8. Run your code on a random dot stereogram. Use an appropriate blurring kernel.