

Assignment 3

Taylor Foxhall
tfoxhall1@binghamton.edu

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1 DCT Based Image Compression

1.1 Programming

2 ROI Segmentation

2.1 Linear Segments

I implemented a linear Hough transform to detect lines in the image. Every line can be represented as $r = x \cos \theta + y \sin \theta$.

3 References

OpenCV 3.0 Documentation: <http://docs.opencv.org/3.0.0/>