ECSE 4540: Introduction to Image Processing	**Fall 2019**

Lecture 11: Edge Linking and Line Detection

Lecturer: Rich Radke   *Scribes: Yao Zhang*

It covers: edge linking, boundary following, Moore's boundary following algorithm, chain coding, Matlab example, fitting a polygon to a set of connected edges, finding straight lines in images, the Hough transform and Matlab Hough examples and discussion.

Follows section 10.2.7 the textbook (Gonzalez and woods, 3rd ed).

References

[GW18]   Gonzalez and Woods, Digital Image Processing, *Pearson*, 2018.