

**ECE 5397/6397: Intro to Robotics**

**Class Worksheet – Preparation for Lecture 16**

For the four image components below, calculate the centroids and the orientation.

(r,c)

3,2

3,3

4,3

4,4

-2,1

-2,2

-2,3

2,-3

3,-3

3,-2

-2,-1

-1,-1

0,-1

Object 1

Object 2

Object 3

Object 4