UNIVERSITY of **HOUSTON** | **ECE**

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)

Object 1

| -2,3 | | | | | 3,3 | 4,3 |
| -2,2 | | | | | 3,2 | |

4,4

Object 2

| -2,1 | | | | | | |

| -2,-1 | -1,-1 | 0,-1 | | | | |

Object 3

3,-2

Object 4 | 2,-3 | 3,-3 |