

COMP 690 Data Fusion Fall 2009 Written Assignment 2

Due in the digital drop box 11:00 PM on Wednesday, Nov. 11

1. Take an example of a data fusion system. Discuss the topics in sections 2.3 (“Level 2 Fusion Algorithms”) and 2.4 (“Level 3 Fusion Algorithms”) specifically as they relate to the system. You may have to refer to another source (such as Wikipedia) for information on the system you choose.

2. Take an example of a data fusion system. Discuss the topics in section 2.5 (“Level 4 Fusion Algorithms”) specifically as they relate to the system. Be sure to address the following topics:

- Target/entity Prediction
- Source Requirements (sensor and platform modeling)
- System Performance Modeling
- System Control

You may have to refer to another source (such as Wikipedia) for information on the system you choose.