

Lab 5 Sensing and Visualization

Due on Mar. 14

This lab is to implement sensing with TinyOS and Iris sensor mote. Through the sensor component and ADC interface TinyOS is able to read the data from default and external sensors.

Go to tinyos.net and find the tutorials. Read Lesson 5 and follow the instructions to test Sense and Oscilloscope applications. Then you are required to do

1. Modify the sense application in `/opt/tinyos-2.1.0/apps/Sense` to display the sensory data from default sensor on iris mote using message reader.
2. Visualize the sensory data from default sensor on iris mote.
3. Visualize the sensory data from external sensors with MDA100/MTS300 boards.