

Lab 2 – Sensor Modeling
Introduction to the Wiimote and the Wiimote LABVIEW
Interface
EE124 – Introduction to Embedded Systems

Name: _____

Lab: _____

Date: _____

PRELAB EXERCISES

Thoroughly read the ADXL330 datasheet (refer to [1])

Thoroughly read the Wii Remote Bluetooth specs (refer to [2])

Thoroughly read the Nunchuck Bluetooth specs (refer to [3])

1. What is the Wii Remote Report ID and the appropriate payload information to turn on LED 3 in the Wii Remote?

2. What is the Wii Remote Report ID and the appropriate payload information to turn on rumble functionality?

[1] ADXL330 datasheet.

http://www.analog.com/UploadedFiles/Data_Sheets/ADXL330.pdf

Last accessed: January 15th 2008

[2] Wiimote information from Wii wiki. <http://www.wiili.org/index.php/Wiimote>

Last accessed: January 15th 2008

[3] Nunchuck information from Wii wiki:

http://www.wiili.org/index.php/Wiimote/Extension_Controllers/Nunchuk

Last accessed: January 15th 2008