

Lab 13 Controllers and Modulation

Golftrak Game Controller

Connect the footswitch to the Golftrak. Connect the Golftrak to a USB port. Verify that the Golftrak is recognized by miniAudicle by opening the Device Browser window. The menu command is in the Window menu. You may have to restart miniAudicle if it's not recognized.

Run joy.ck

It's in the m208Lab13 folder.

Control Mapping

The Golftrak has two three dimensional tether joysticks and one footswitch. The left joystick is mapped to axis 0, 1, 2 and the right joystick is mapped to axis 3,4,5.



axis 0 east/west
axis 1 north/south
axis 2 vertical

axis 3 east/west
axis 4 north/south
axis 5 vertical

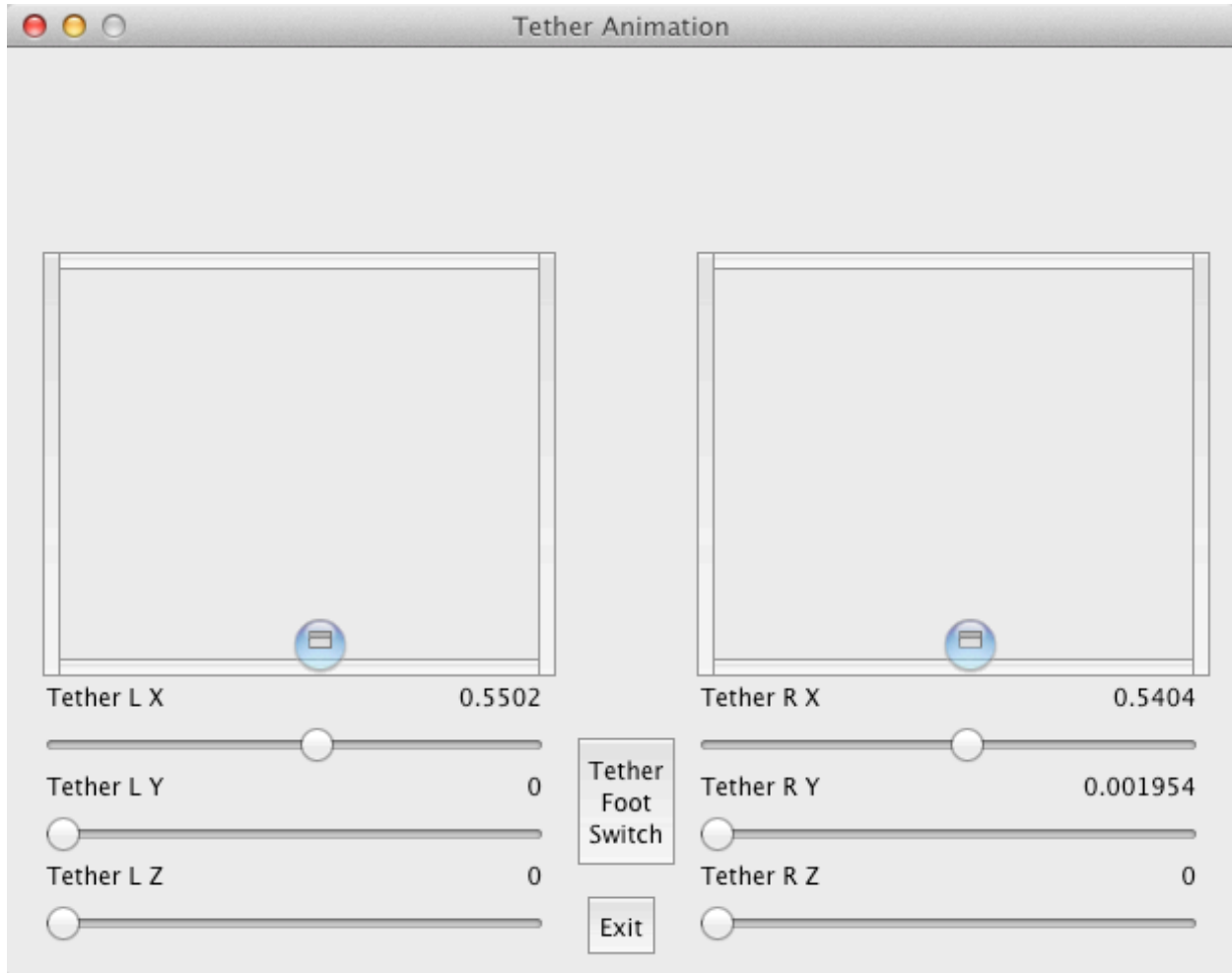


Footswitch
Button
on, off

Try the three programs in the golfrak folder in the m208Lab13 folder in this order.

Tetheranimation.Ck

MAC only uses MAUI the GUI for miniAudicle. The blue dots move in relation to the string XY position. The length of the string is shown as the Z position.



tetherJE.ck

Left X	Left Y	Left Z	Right X	Right Y	Right Z
127.000000	127.000000	127.000000	127.000000	3.969719	127.000000
127.000000	127.000000	127.000000	127.000000	4.217827	127.000000
127.000000	127.000000	127.000000	127.000000	3.969719	127.000000
127.000000	127.000000	127.000000	127.000000	4.217827	127.000000
127.000000	127.000000	127.000000	127.000000	3.969719	127.000000
127.000000	127.000000	127.000000	127.000000	4.217827	127.000000
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127.000000	127.000000	127.000000	127.000000	3.969719	127.000000
127.000000	127.000000	127.000000	127.000000	4.217827	127.000000
127.000000	127.000000	127.000000	127.000000	3.969719	127.000000
127.000000	127.000000	127.000000	127.000000	4.217827	127.000000
127.000000	127.000000	127.000000	127.000000	3.969719	127.000000
127.000000	127.000000	127.000000	127.000000	4.217827	127.000000

tetherSing.ck

Play with it.

MUSC 208 Winter 2014
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