

**15-494 Lab3**

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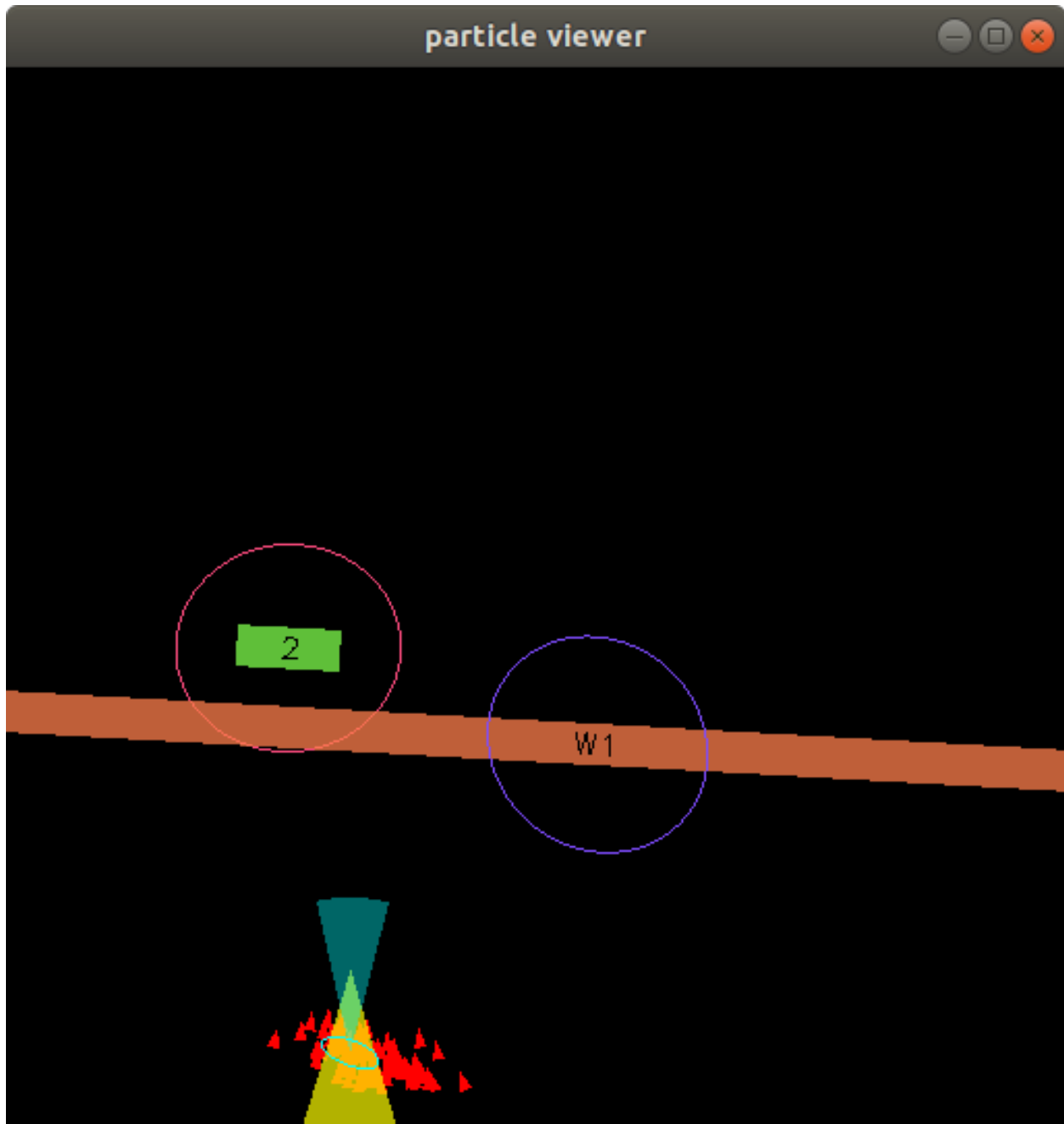
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**1 R distance**

I did 4 iterations of the cozmo robot and got the average of all the calculated distances. The distance reported is 20.912768495271134

**2 Particle Filter**

Cozmo is able to find itself however not very accurate.



### 3 Toss A Ball

With the MoveLift function, the problem is that it does not pass completion. Also I need to import time in order to let Cozmo raise its lift first before it lowers it.