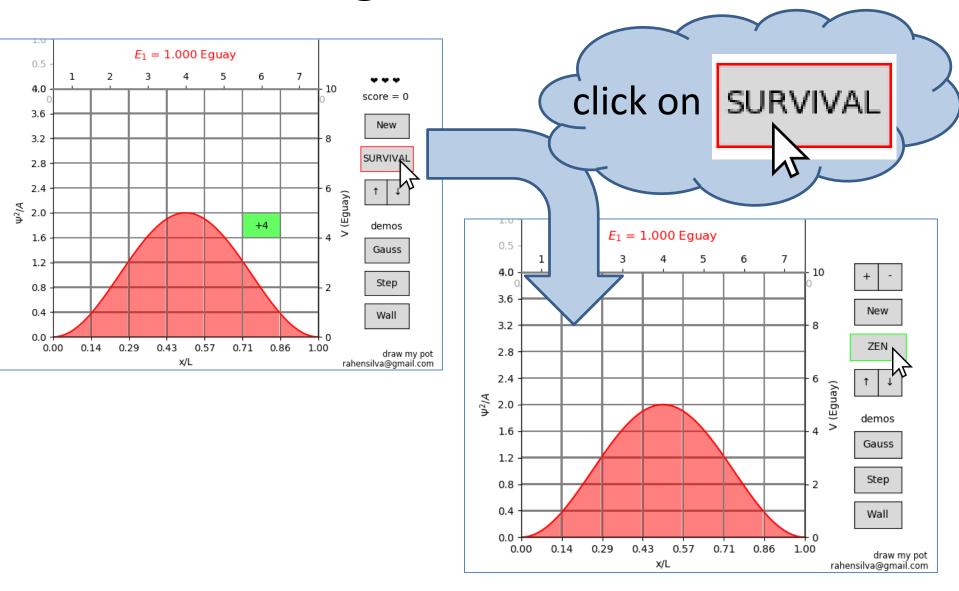
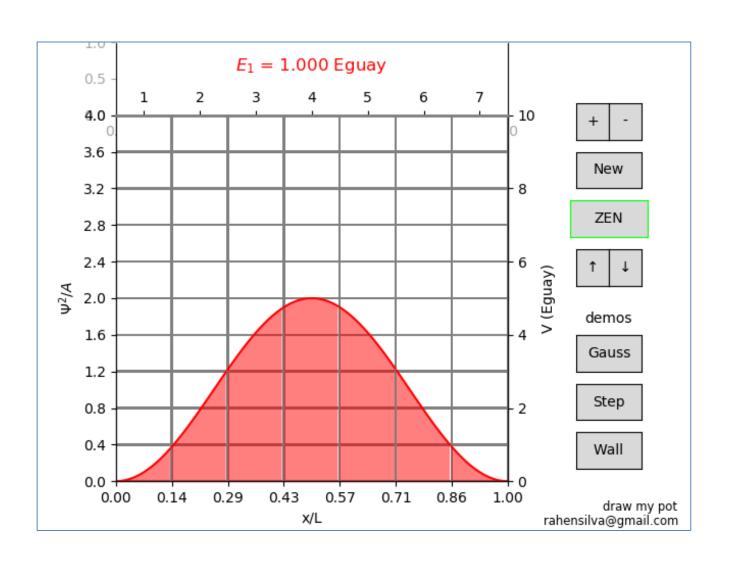
### Draw My Pot

Interactive Piecewise Potential -Rafa da Silva-

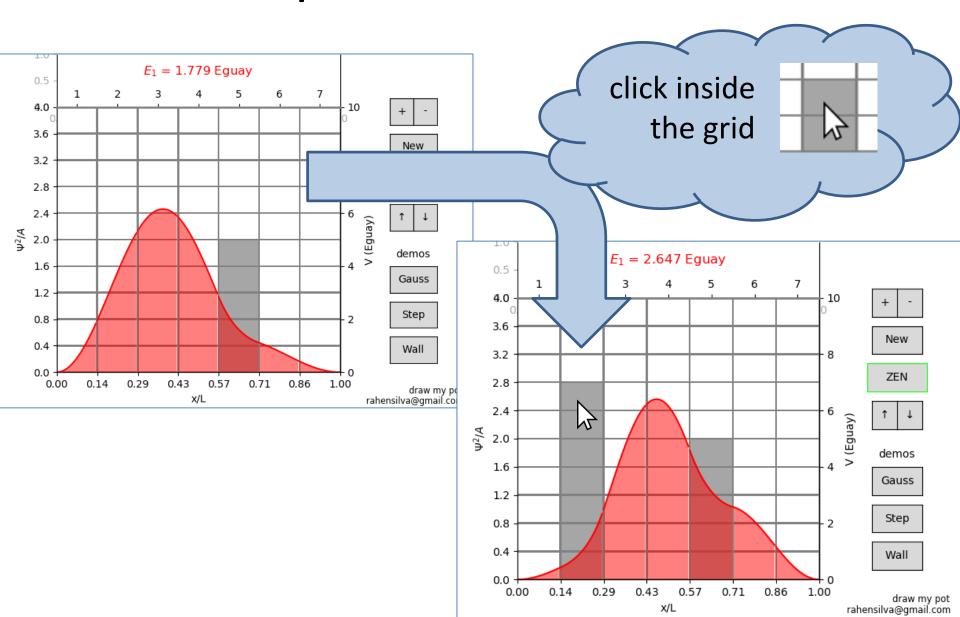
## Change to **ZEN** mode



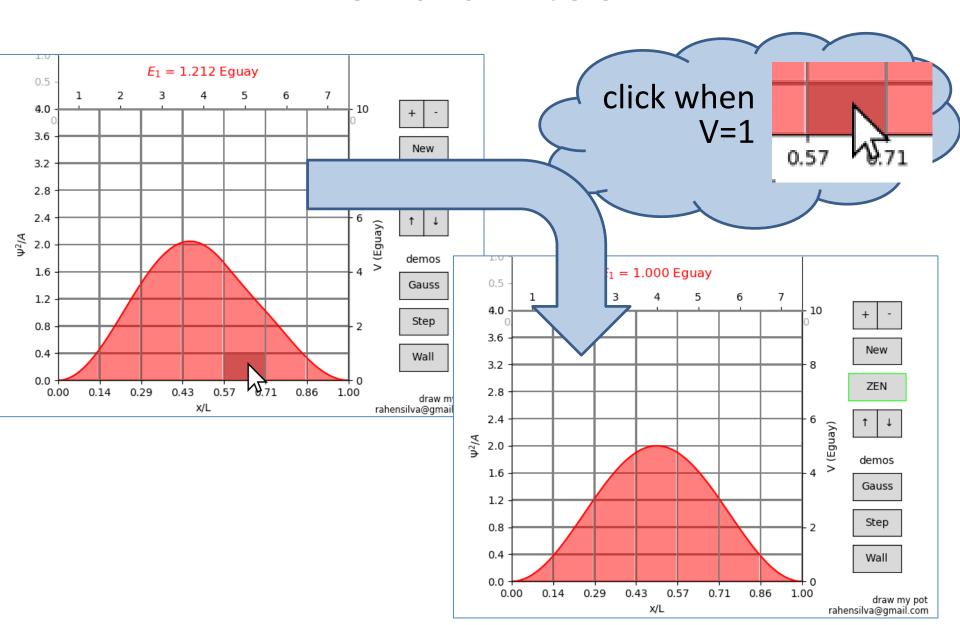
### Eigenfunctions are instantly plotted



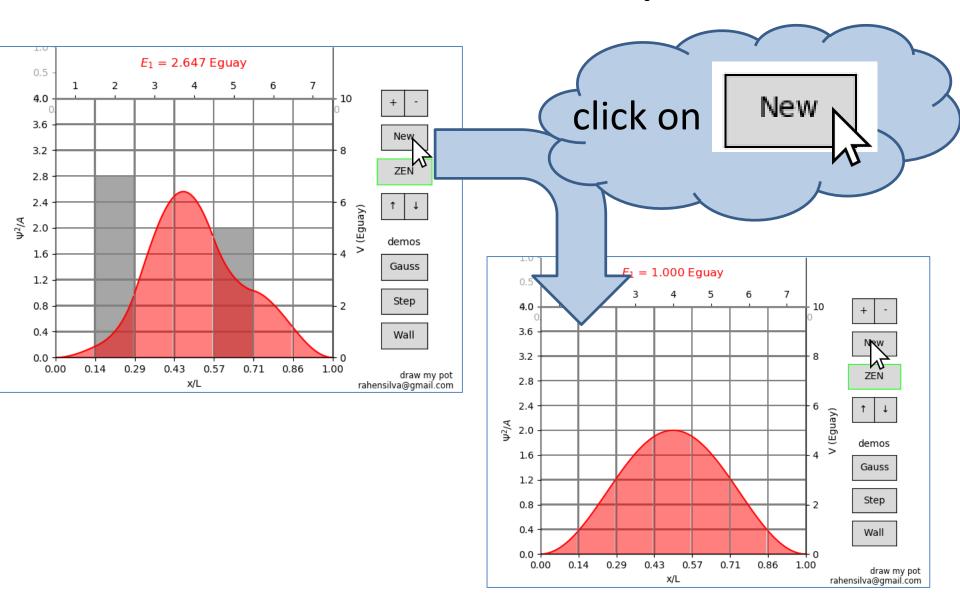
### Draw the potential with the mouse



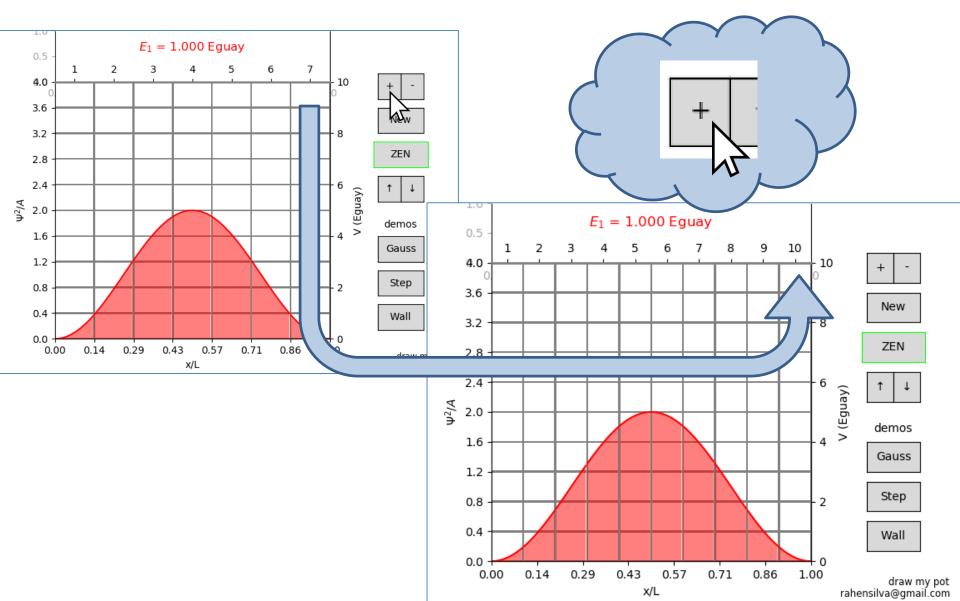
### Undraw too



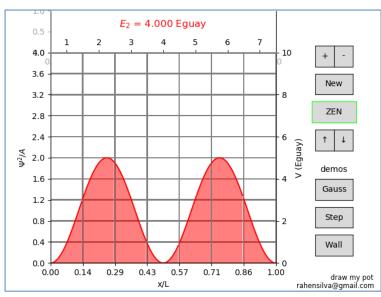
### Return to the infinite square well

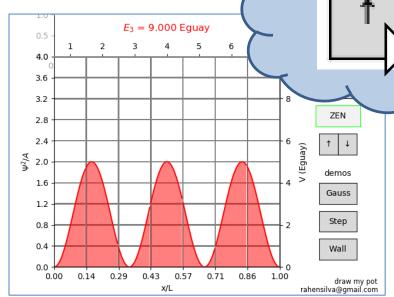


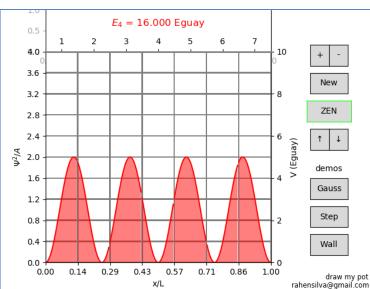
## Change the number of pieces

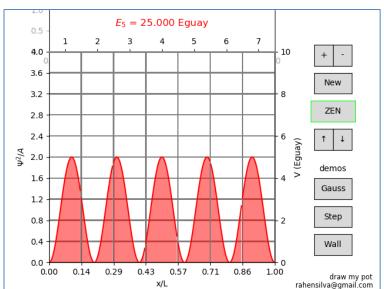


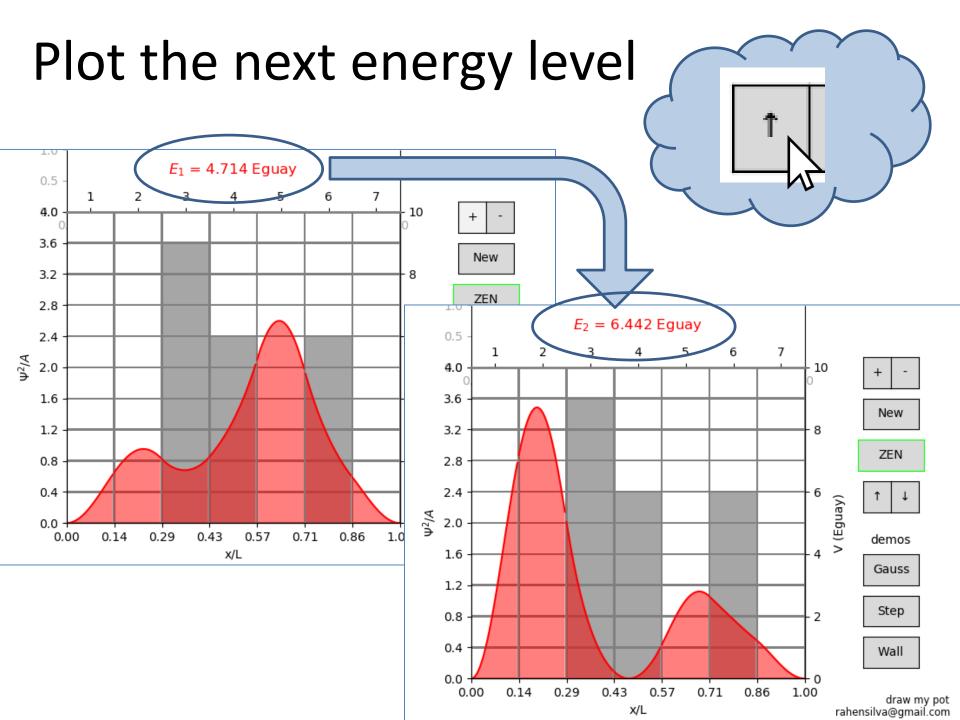
Plot the next energy level



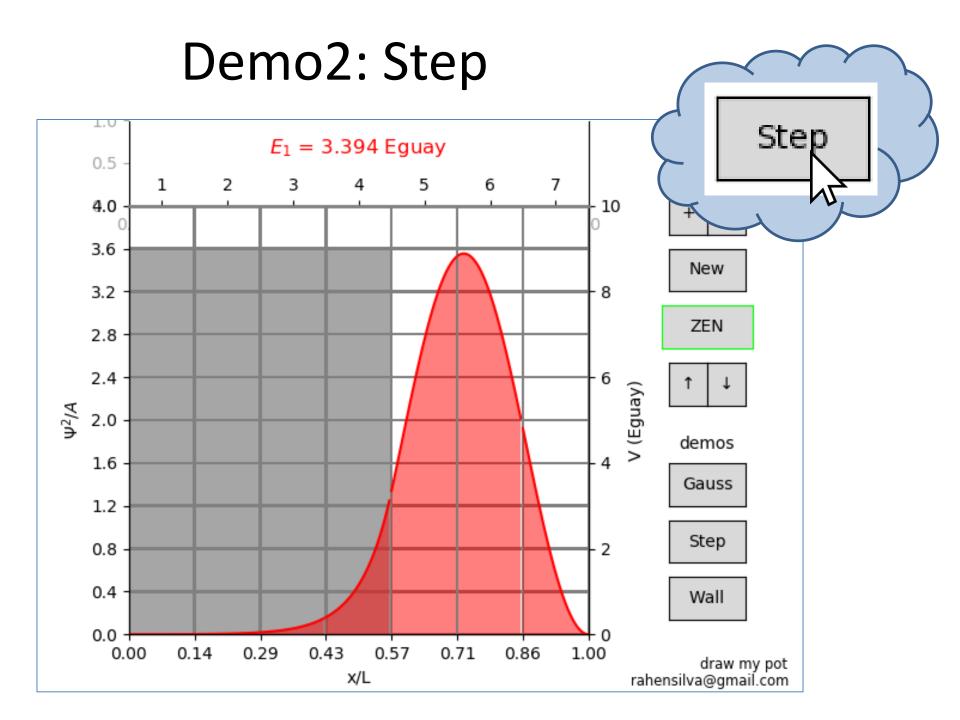








Demo1: Harmonic Oscillator 1.0 Gauss  $E_1 = 2.354 \, \text{Eguay}$ 0.5 2 3 6 7 4.0 10 3.6 New 3.2 8 ZEN 2.8 2.4 2.0 demos 1.6 Gauss 1.2 Step 2 0.8 0.4 Wall 0.0 -0.00 0.14 0.29 0.43 0.57 0.71 0.86 1.00 draw my pot x/L rahensilva@gmail.com



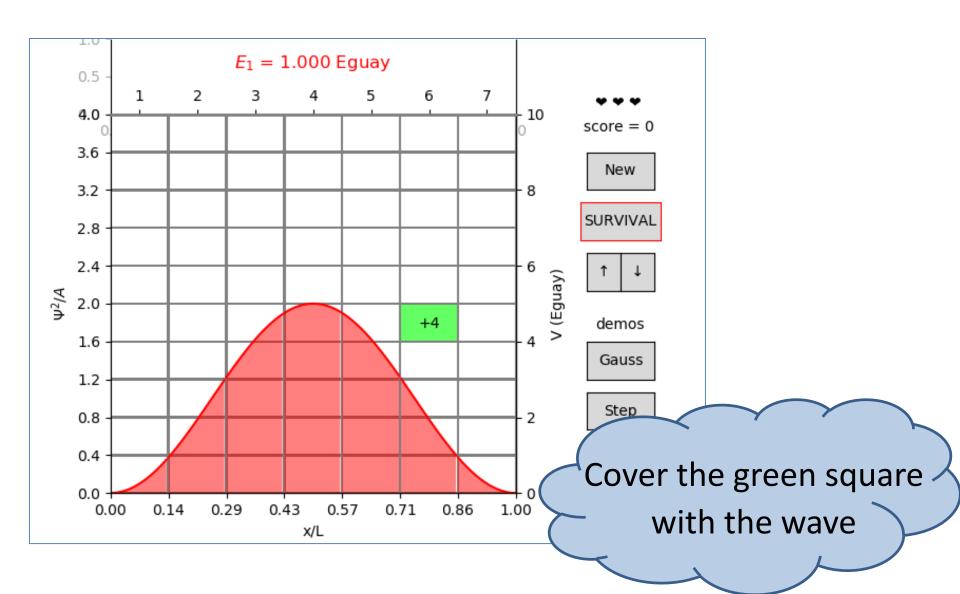
#### Demo3: (Finite) Wall Wall $E_1 = 2.855 \, \text{Eguay}$ 0.5 3 7 6 4.0 - 10 3.6 New 3.2 8 ZEN 2.8 2.4 V (Eguay) **₩**²/A 2.0 demos 1.6 Gauss 1.2 Step 0.8 2 0.4 Wall 0.0 0.14 0.29 0.43 0.57 0.71 1.00 0.00 0.86 draw my pot rahensilva@gmail.com x/L

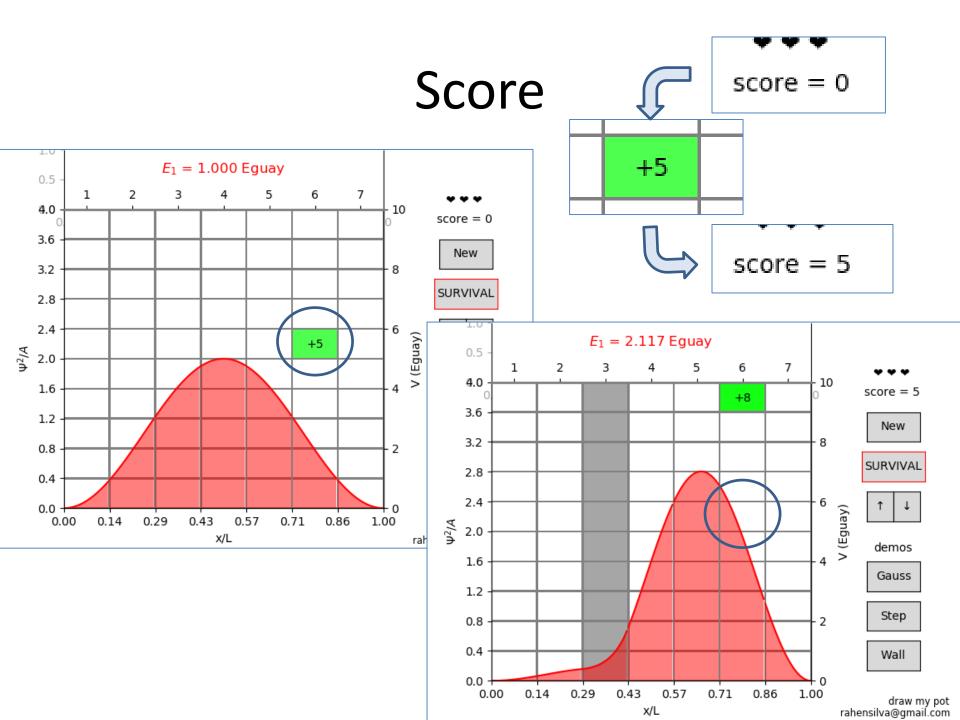
# Okey

## Change to **SURVIVAL** mode

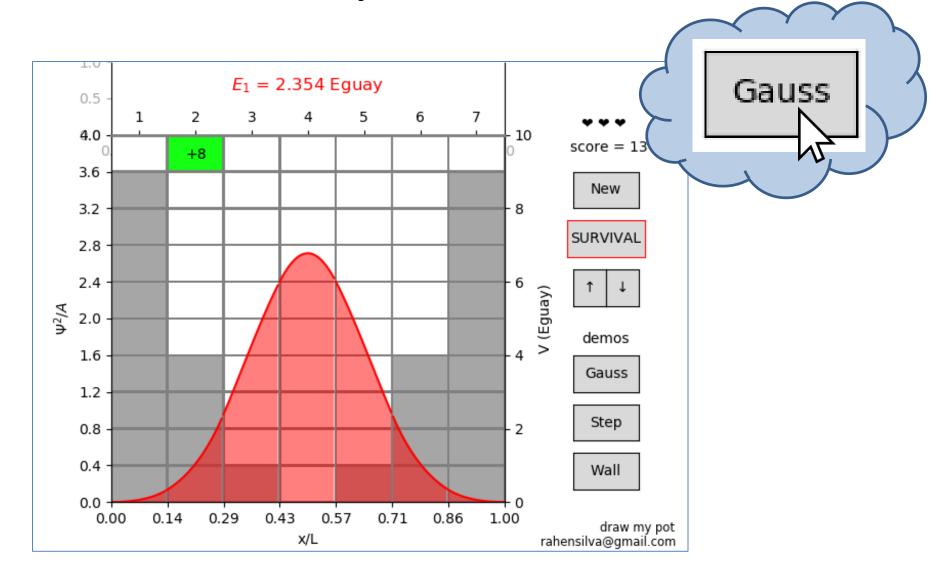


### Get the ball





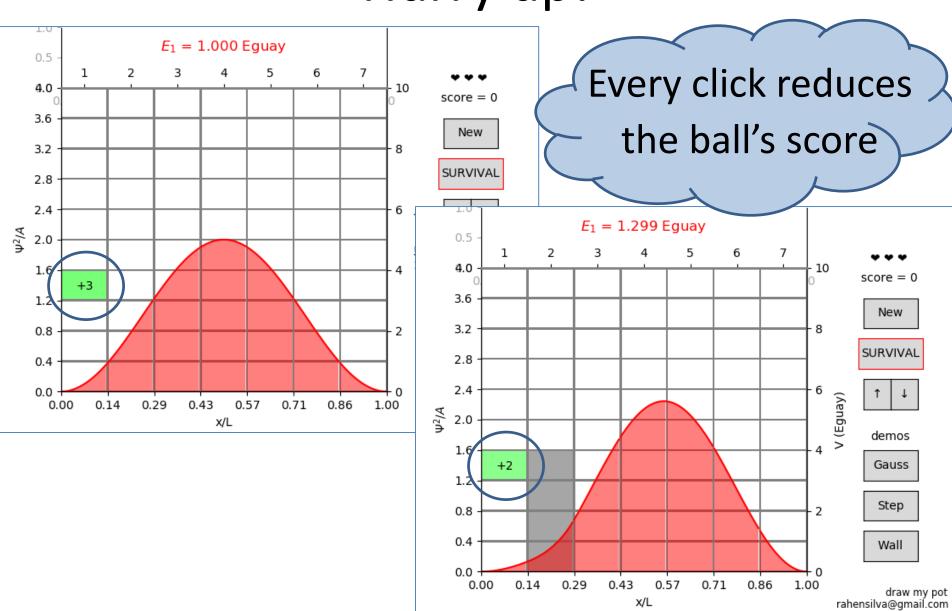
Use your habilities



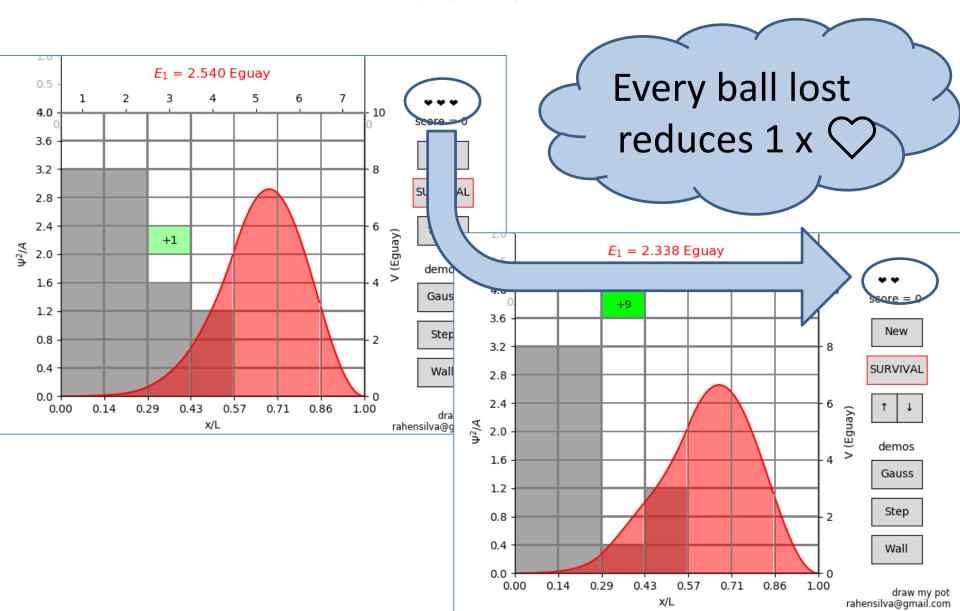
Find your level  $E_1 = 3.617$  Eguay 0.5 4.0 - 10 score = 14 3.6 New 3.2 +7 SURVIVAL 2.8 2.4 Z/4 2.0  $E_2 = 7.174 \, \text{Eguay}$ 0.5 1 2 5 7 6 1.6 4.0 - 10 score = 21 1.2 3.6 New 0.8 3.2 0.4 SURVIVAL 2.8 0.0 -2.4 0.14 0.29 0.43 0.57 0.71 0.86 0.00 1.00 x/L rahen **√**2/A 2.0 +4 demos 1.6 Gauss 1.2 Step 0.8 0.4 Wall 0.0 -0.00 0.14 0.29 0.43 0.57 0.71 0.86 1.00 draw my pot x/L

rahensilva@gmail.com

Hurry up!



### Caution!



## You have $3 \times \bigcirc$

