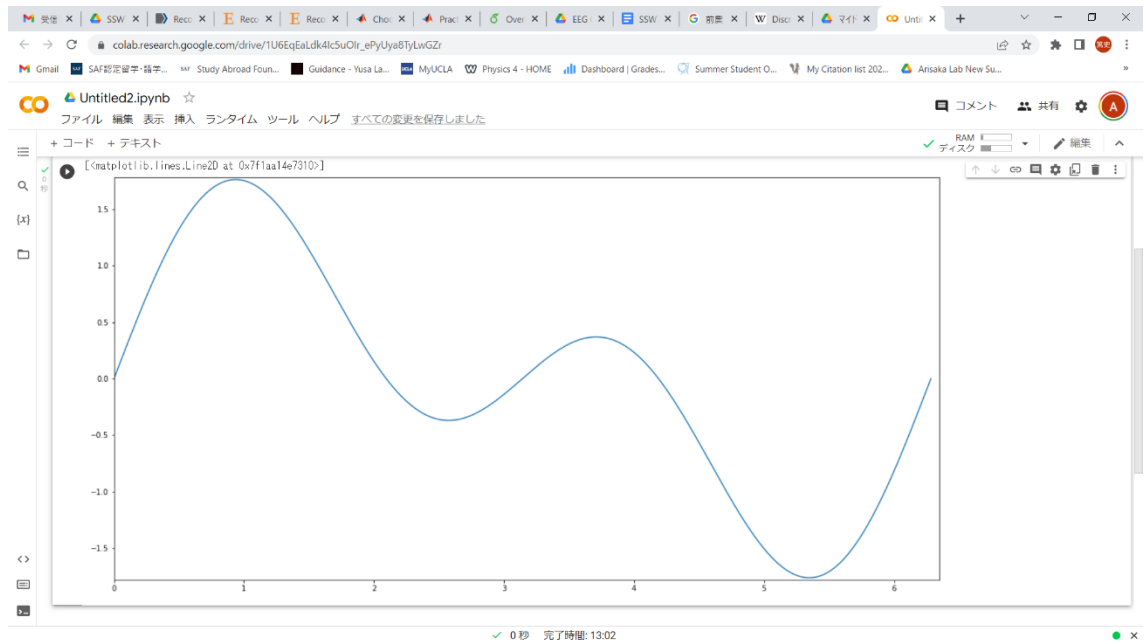
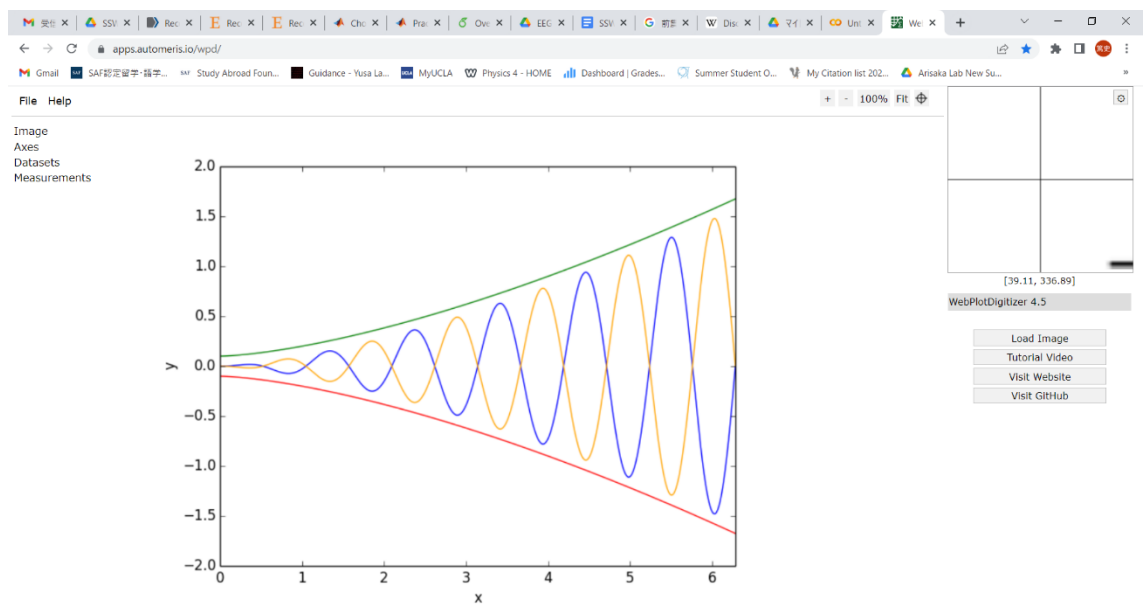


Last edit by Atsushi K., 2022/9/2

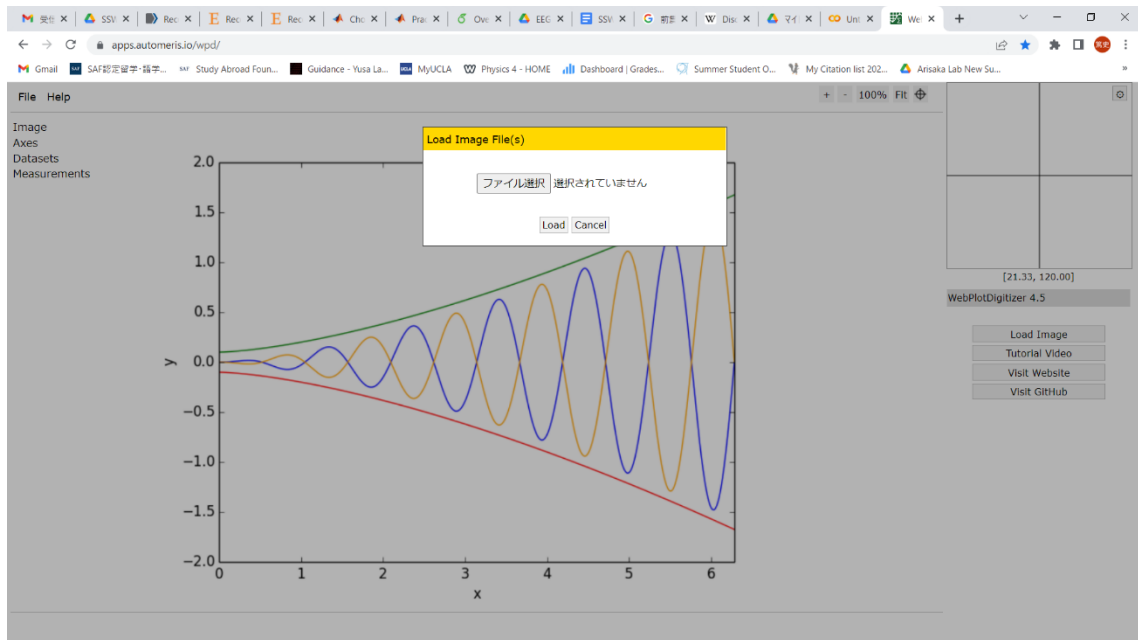
1. Take a screenshot of the graph



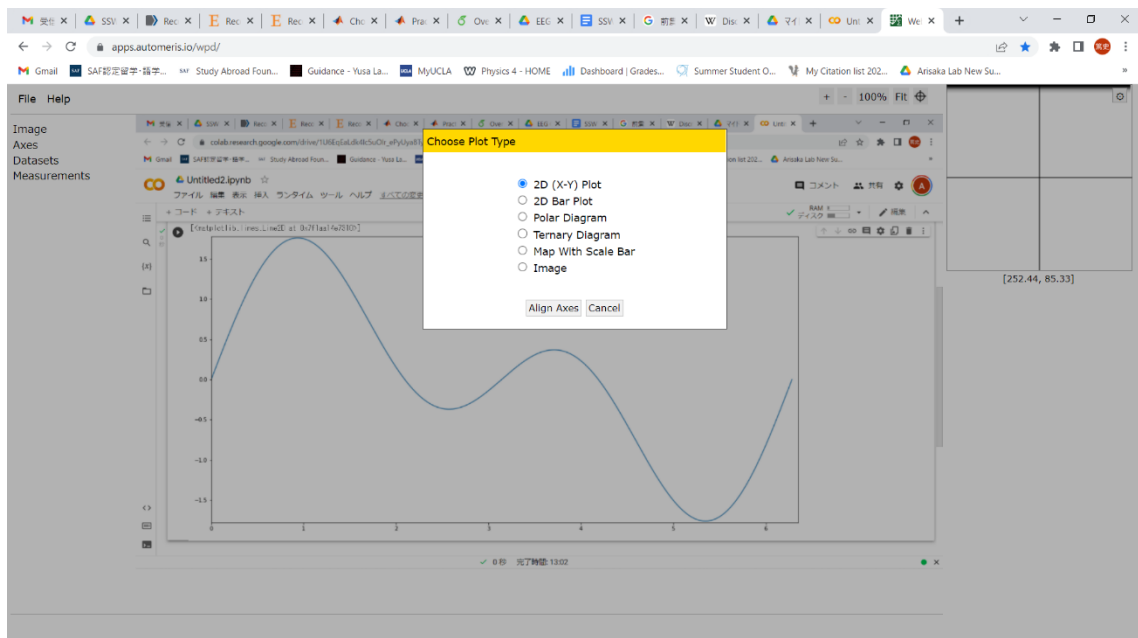
2. Go to <https://apps.automeris.io/wpd/>
3. On the upper left-hand side corner, go to File->Load Image(s)



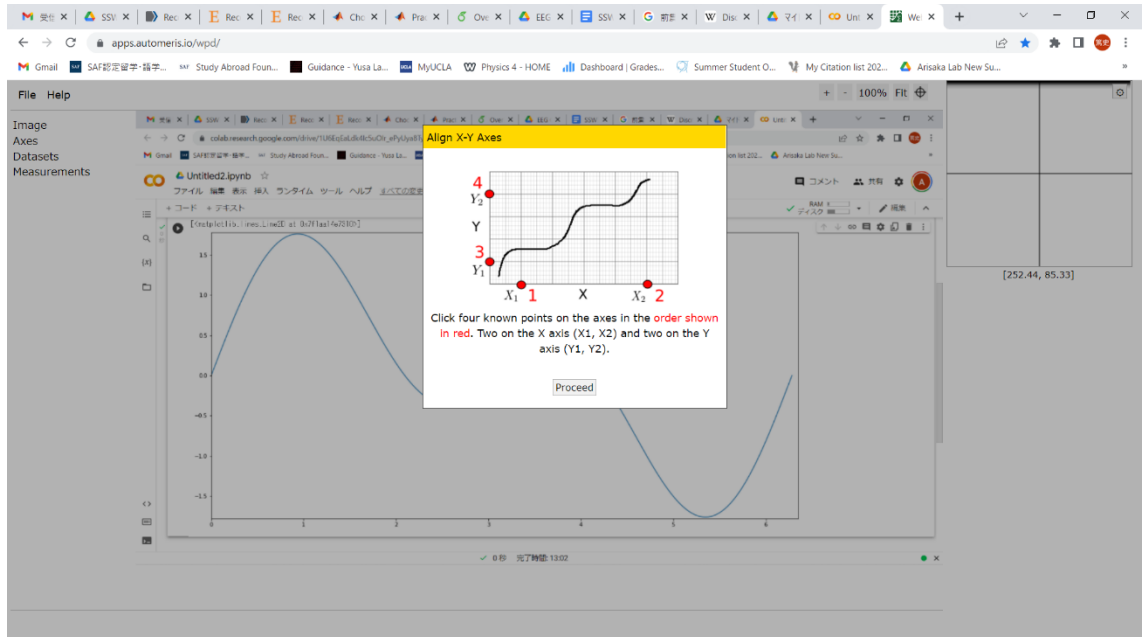
#### 4. Choose file->load



#### 5. 2D (X-Y) plot->Align Axes



#### 6. Follow the instructions...

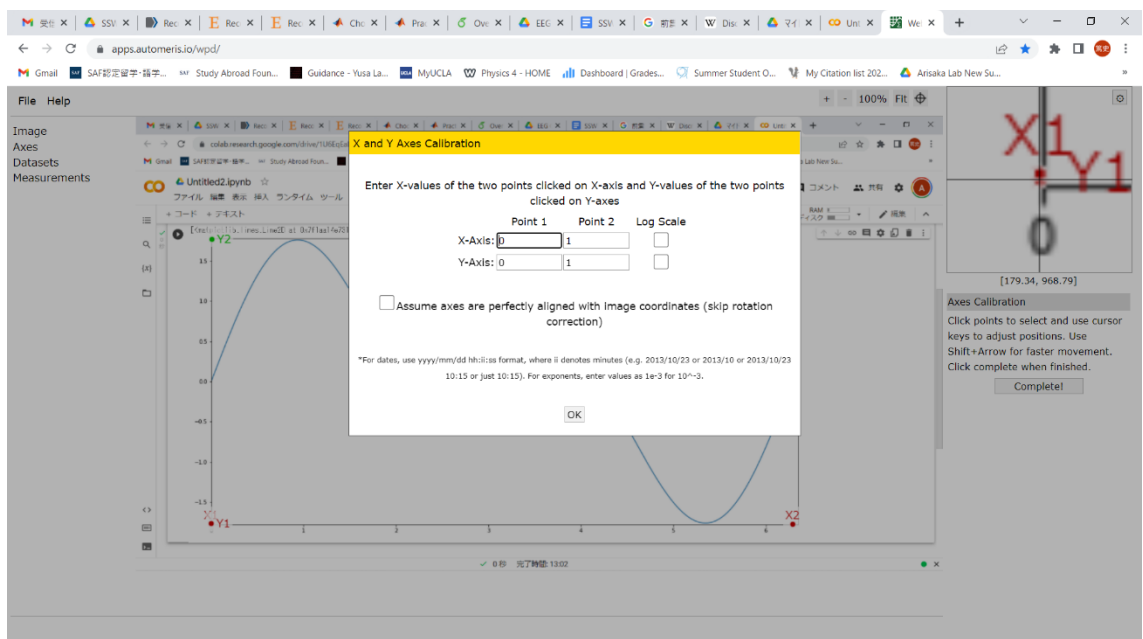


7. ...until you get the “X and Y axis calibration” screen.

For the X axis, put the time of the original paper.

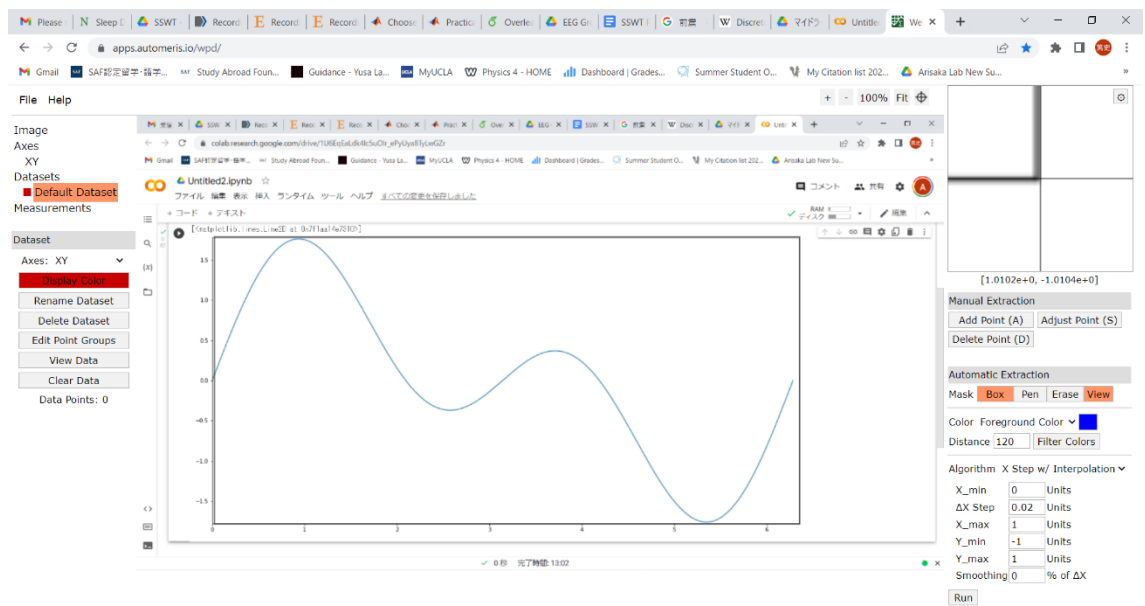
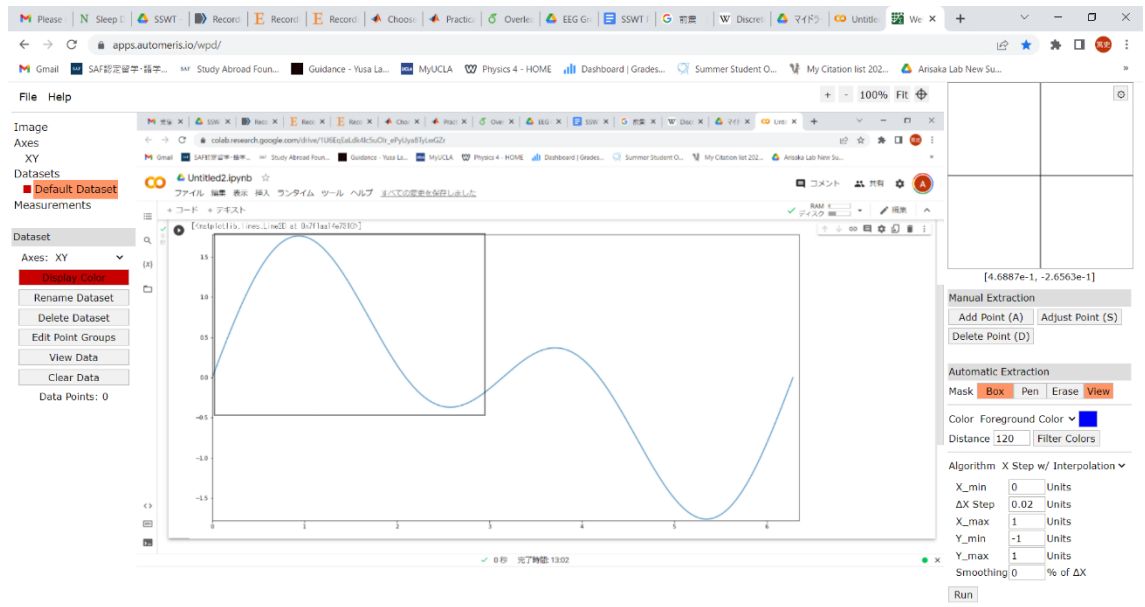
Y axis can be random, but try using the same value as the original paper.

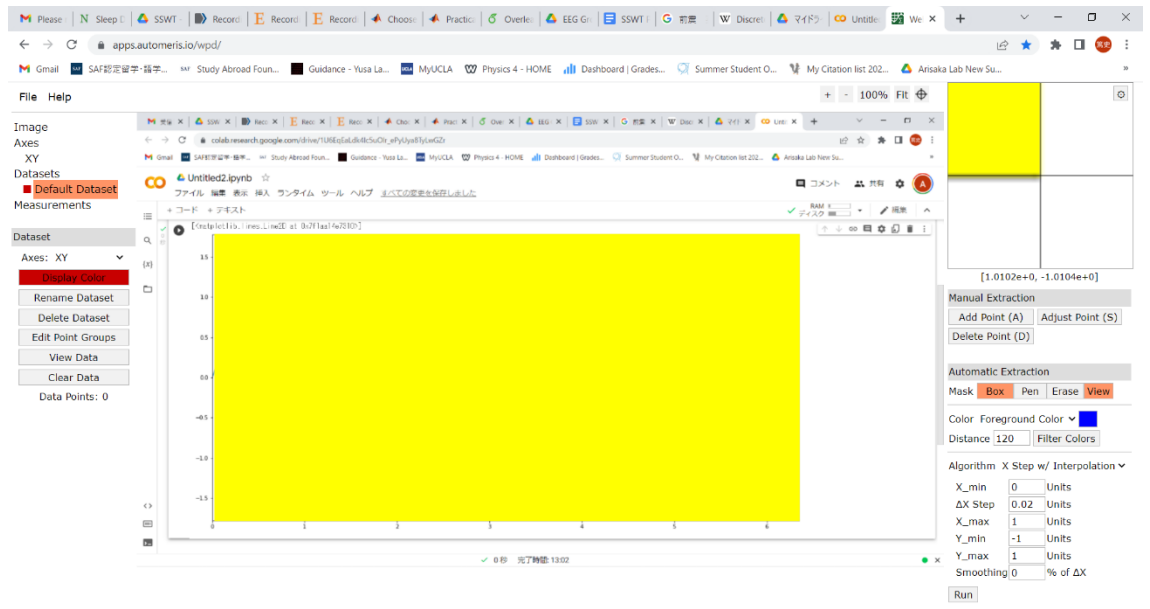
8. Check the “Assume axes are perfectly aligned with image coordinates (skip rotation correction)” and press OK.



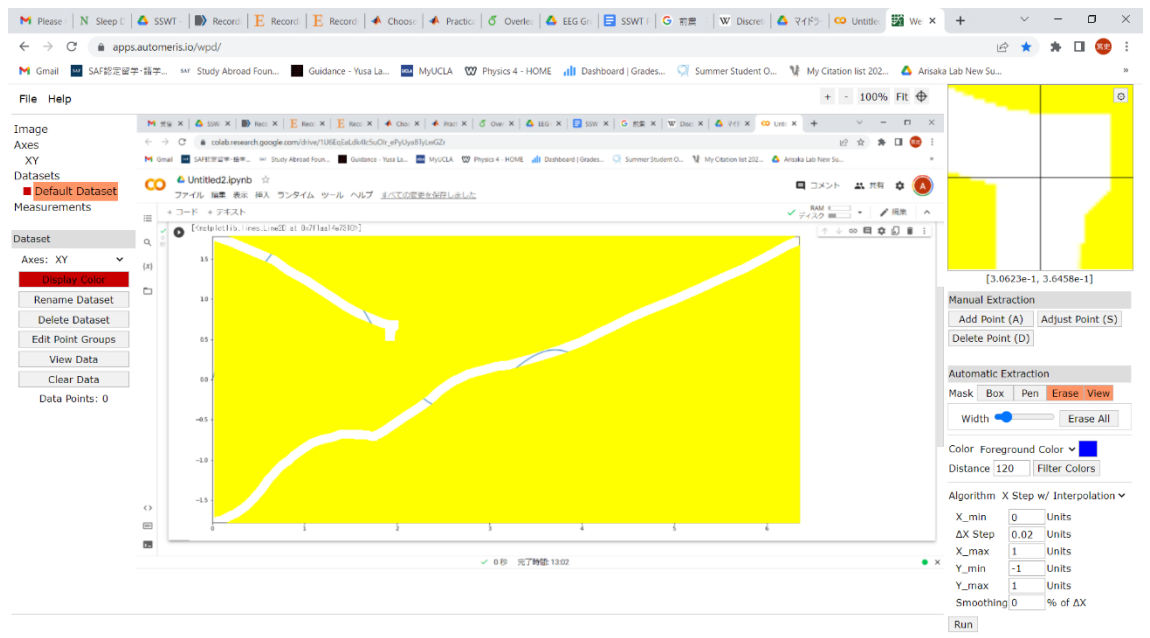
9. Look at the right hand side. All the functions you are going to use at this stage are the “box”, “pen”, and “Erase”.

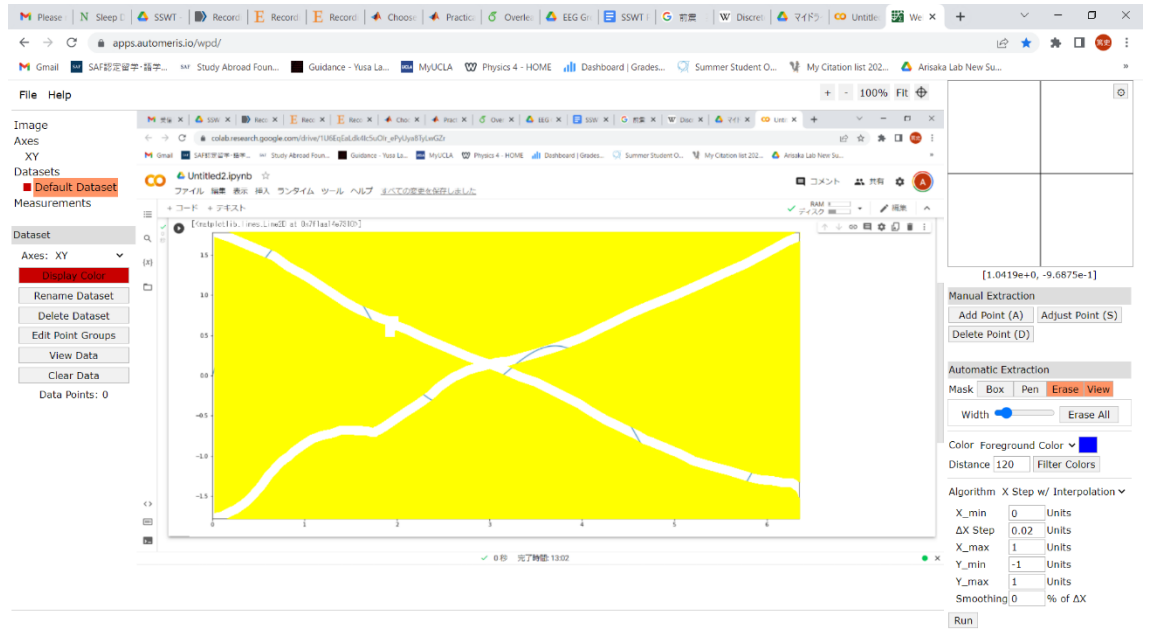
### 9.1. “Box”





## 9.2. “Erase”

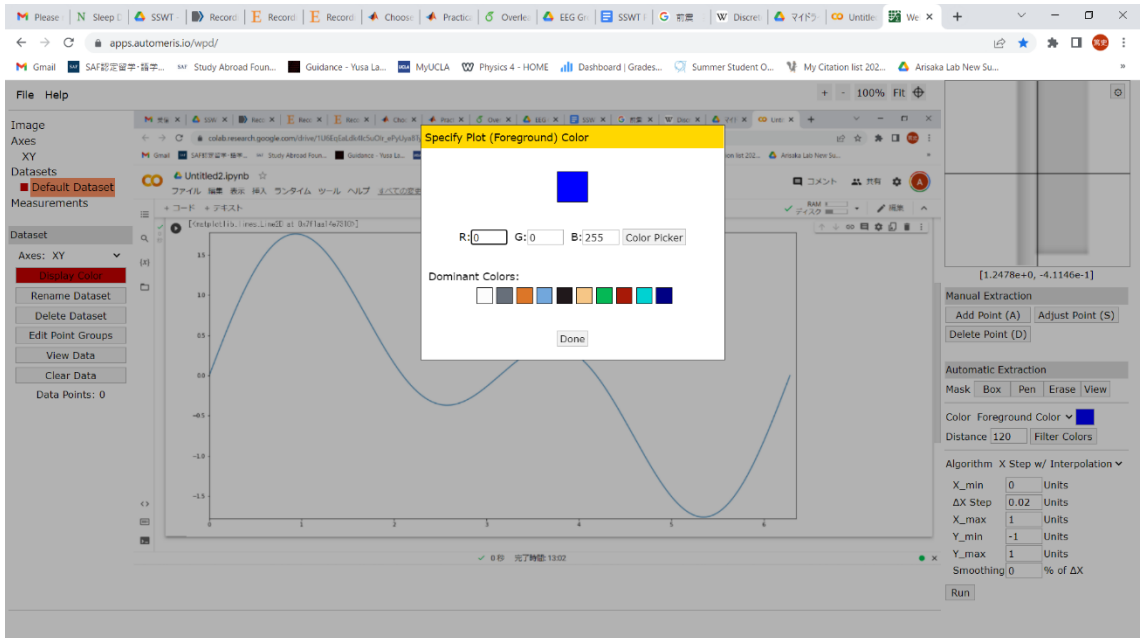
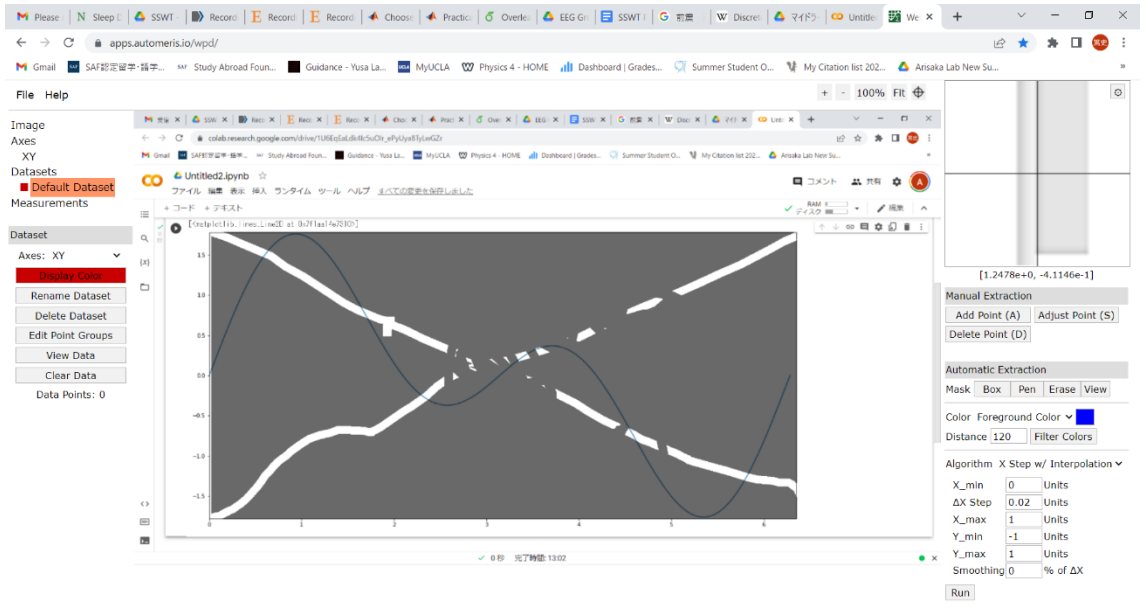


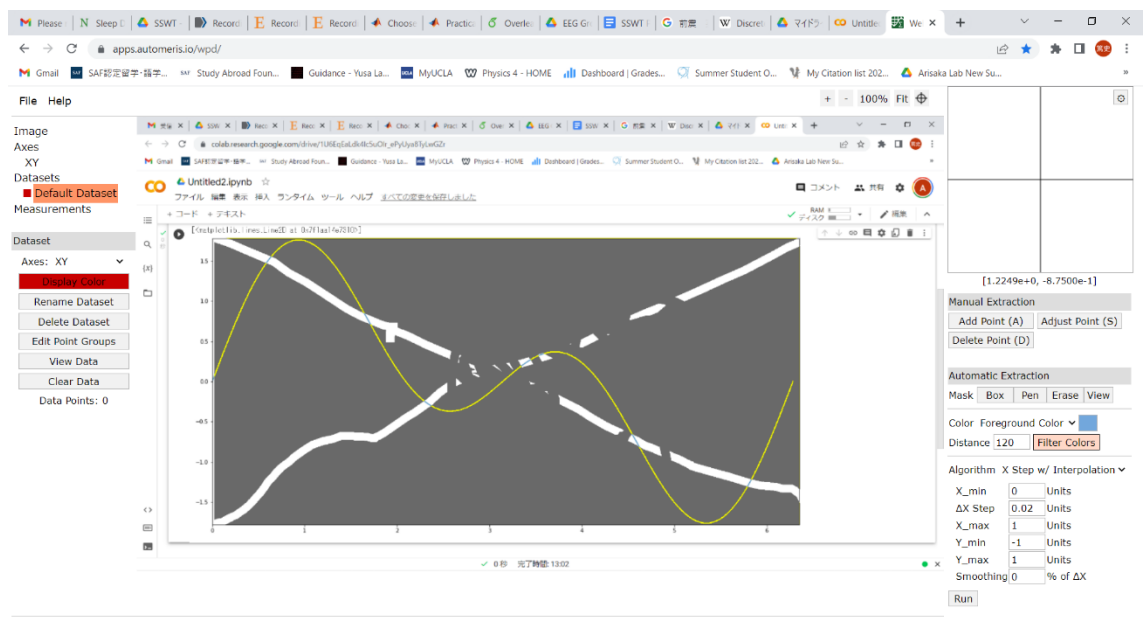


### 9.3. “Pen”

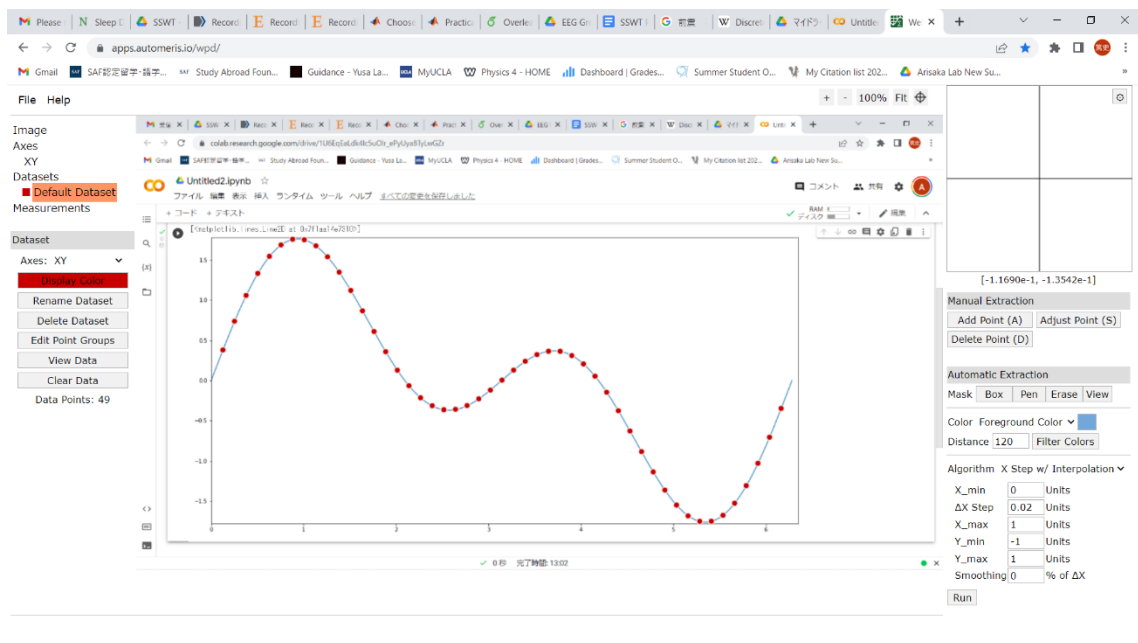
10. Change colors. You can use filter colors to see if you are taking a correct wave form.

#### 10.1. “Filter colors”





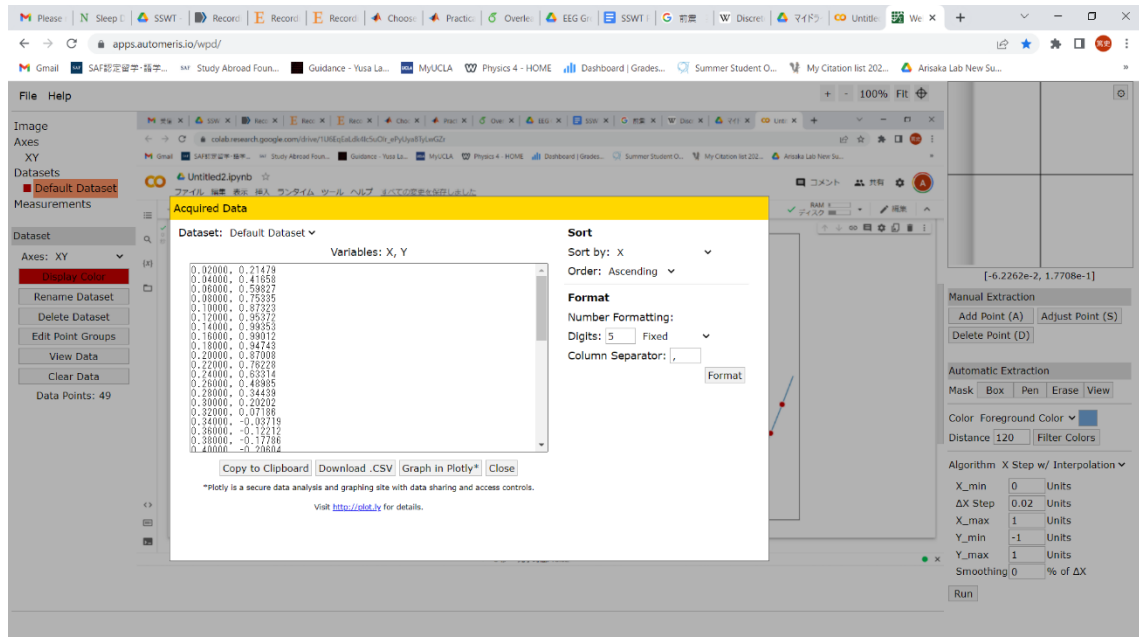
11. Click on the arrow pointing downwards next to the “Averaging Window”. Choose “X-step w/ Interpolation”. Change “ $\Delta X$  Step”. Usually, this number should be around 0.001. Click “Run”.



12. The data points are shown on the left hand side. Repeat 11 until you get the data points you need. Usually “time” times “1000” is about the number of points you need.



13. “View Data”->Sort by: “X”->Digits: “5”->”Fixed” (not “Ignore”)->Format->”Download .CSV”



14. Done!