

Python 3.7.0 (default, Jun 28 2018, 08:04:48) [MSC v.1912 64 bit (AMD64)]
Type "copyright", "credits" or "license" for more information.

IPython 6.5.0 -- An enhanced Interactive Python.

Restarting kernel...

Removing all variables...

```
In [1]: runfile('C:/Users/Andre/Desktop/Senior Design/Acceleration Algorithm [3.0].py', wdir='C:/Users/Andre/Desktop/Senior Design')
THIS IS AN ANALYZER DESIGNED FOR DATAFRAMES GENERATED BY METAMOTIONR 3AXIS ACCELEROMOTERS
THE ANALYSES REQUIRE THAT ANY TESTS PERFORMED HAVE 1-2S OF STATIONARY DATA BEFORE EXPERIMENT BEGINS
```

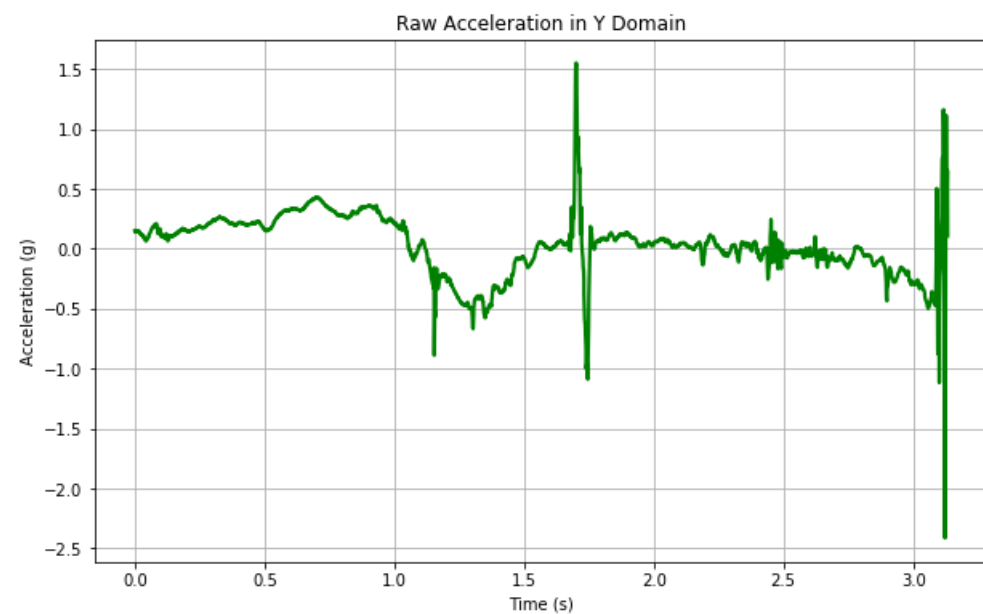
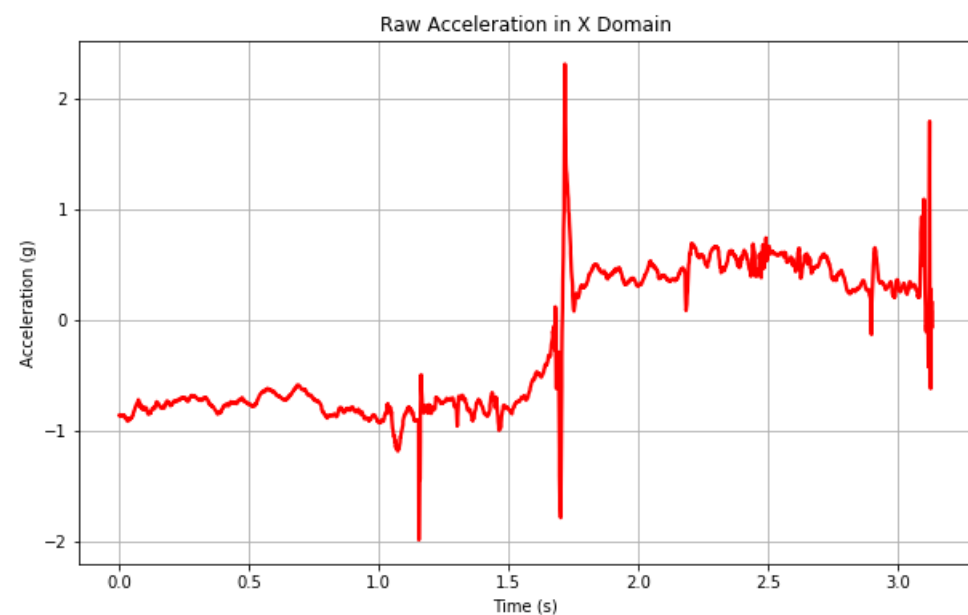
*** FILE METRICS ***

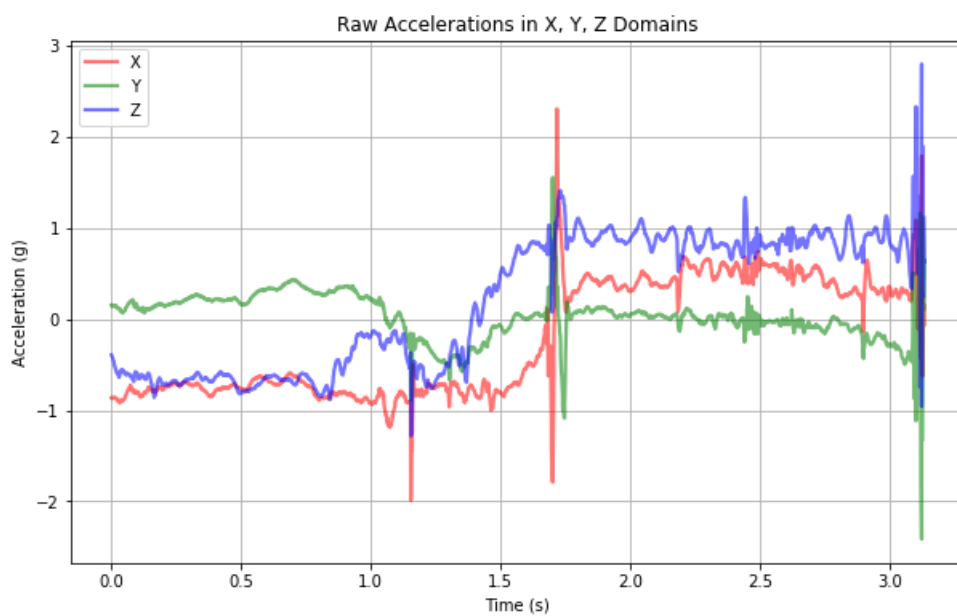
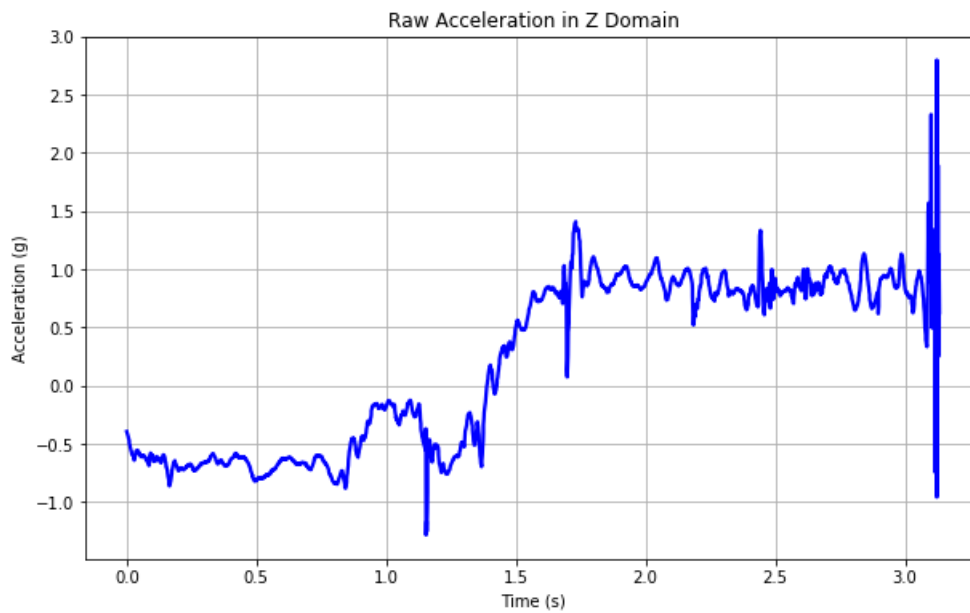
Semester 2 -Y Test2 800hz +- 4Gs Jan 29 2019.csv is being analyzed

Data Size: 0.16 MB

Samples: 2502

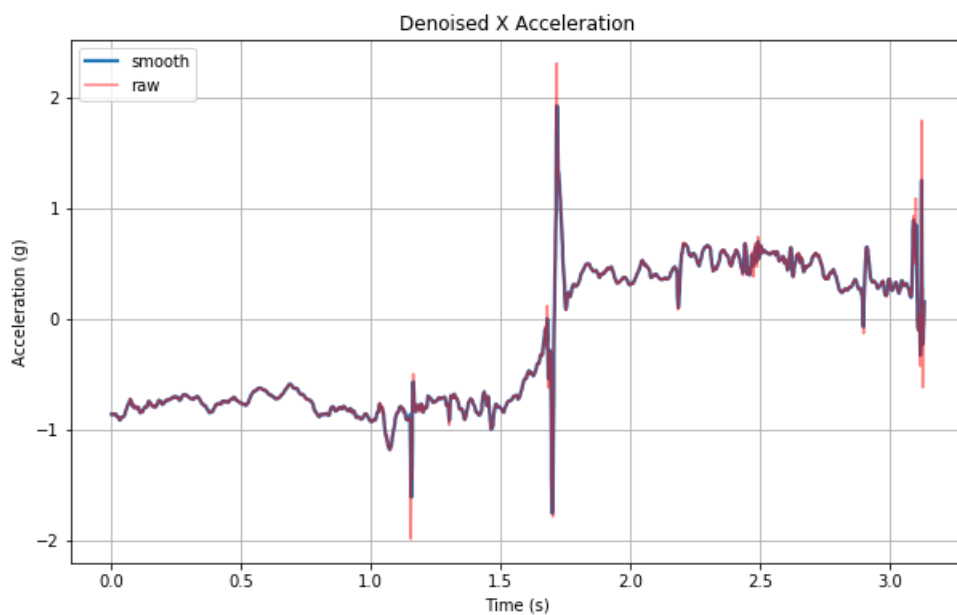
Time elapsed: 3.133 s

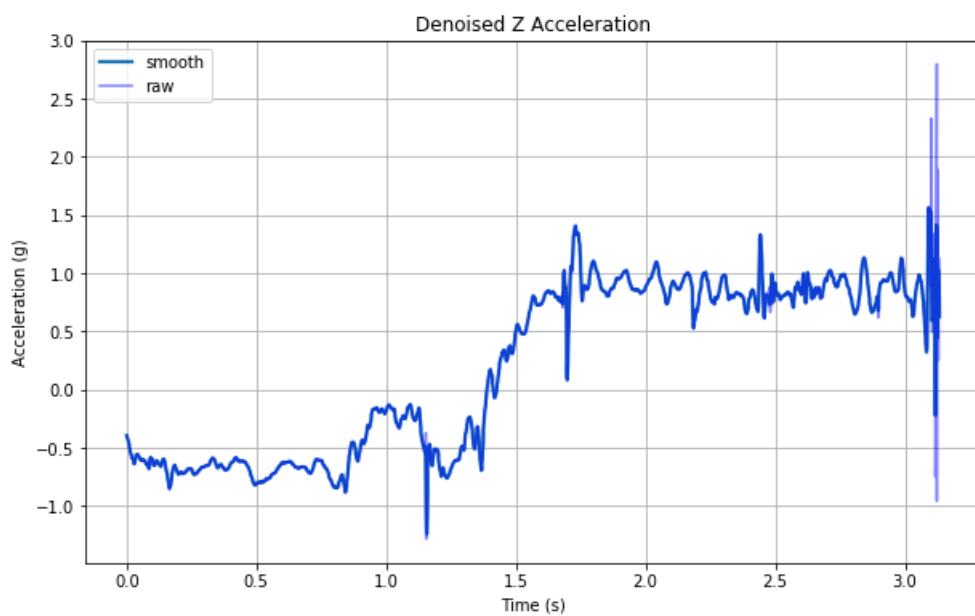
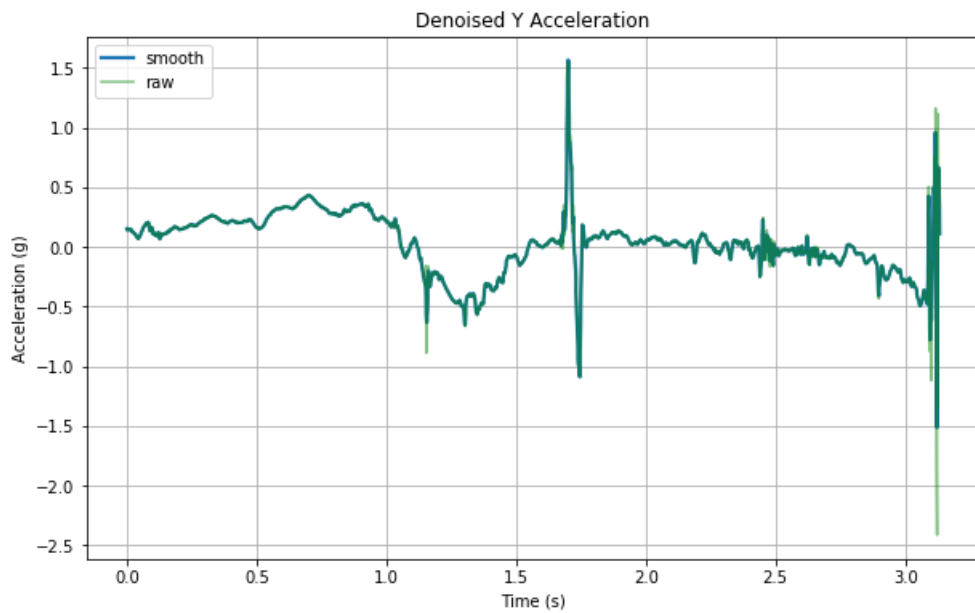




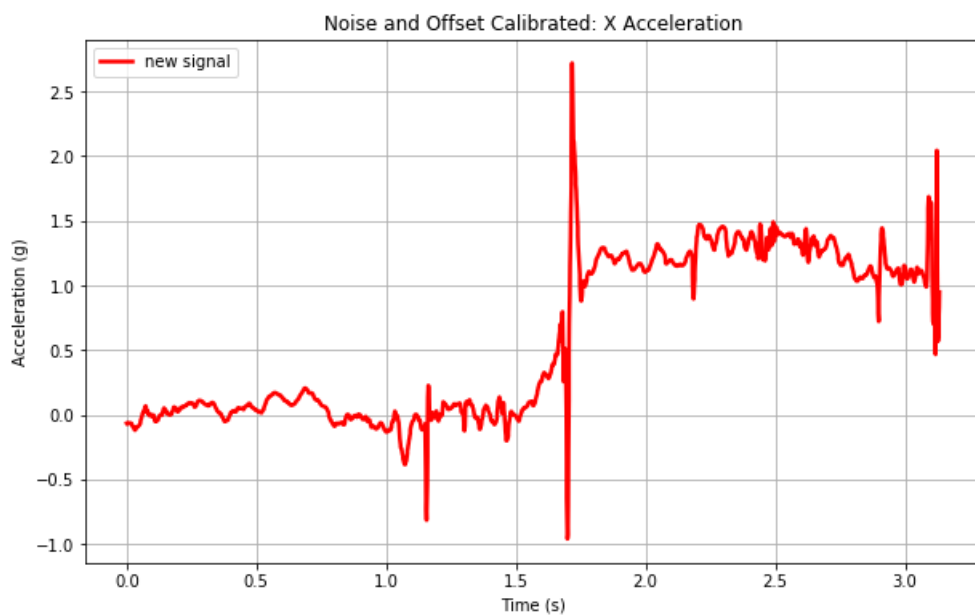
C:\Users\Andre\Anaconda3\lib\site-packages\scipy\signal_arraytools.py:45: FutureWarning: Using a non-tuple sequence for multidimensional indexing is deprecated; use 'arr[tuple(seq)]' instead of 'arr[seq]'. In the future this will be interpreted as an array index, 'arr[np.array(seq)]', which will result either in an error or a different result.

b = a[a_slice]

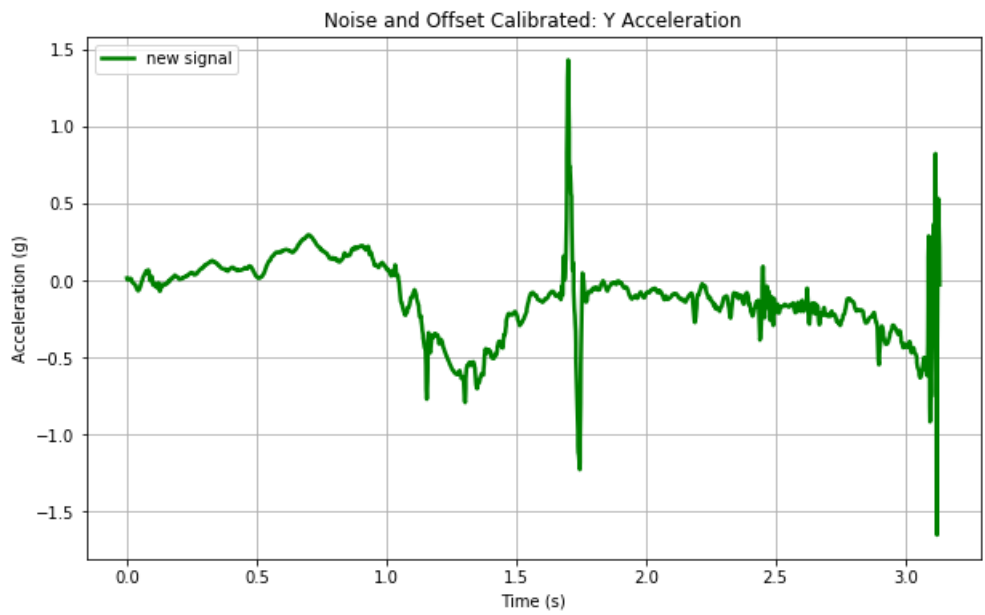




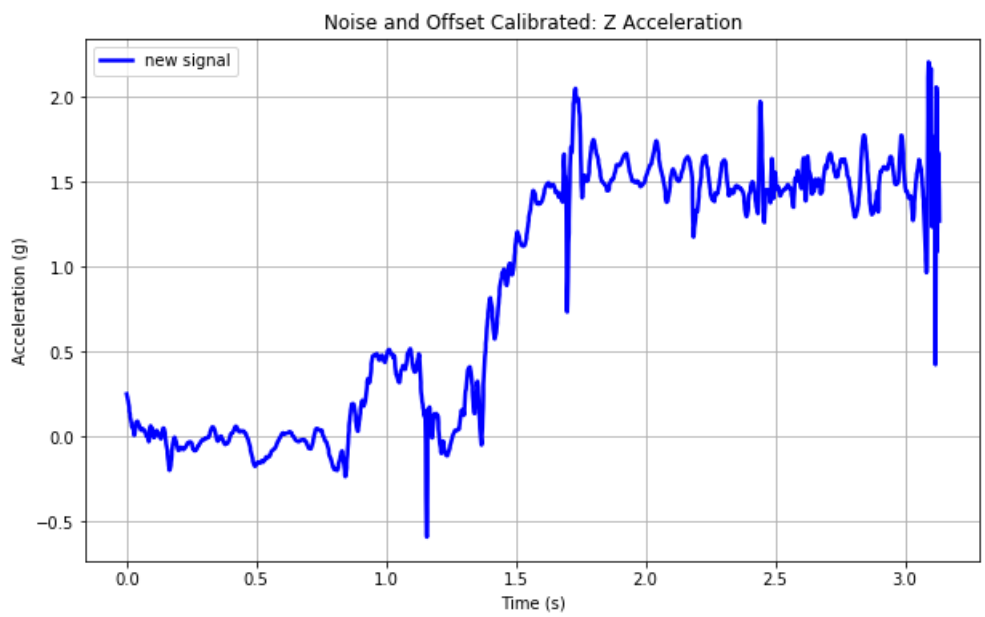
Offset first 200 samples X: %.4f -0.7984047056051697
 Offset first 200 samples Y: %.4f 0.13749452368545287
 Offset first 200 samples Z: %.4f 1.6427732701128788



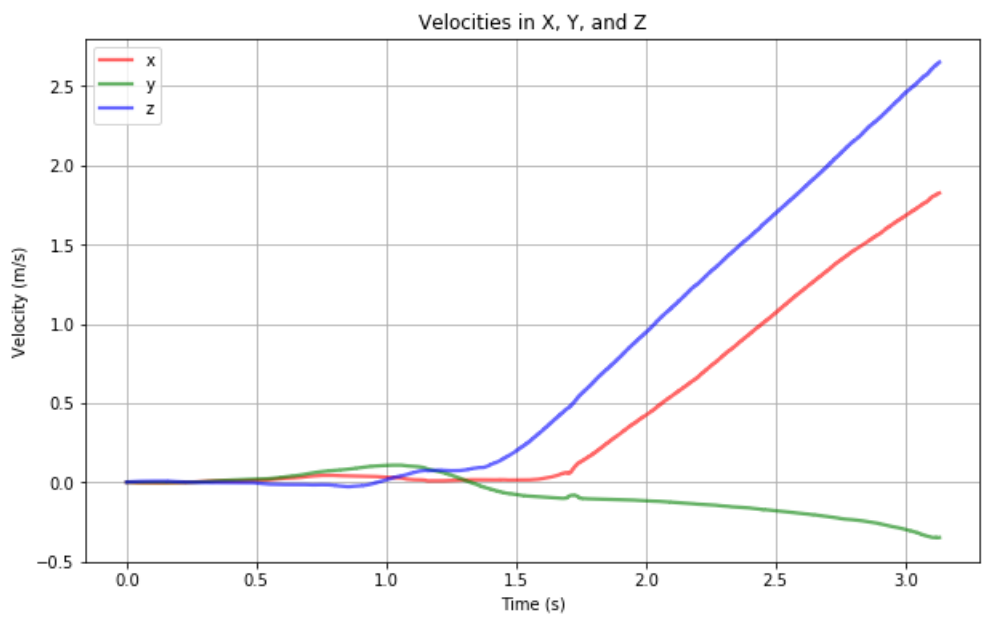
Updated Offset first 200 samples: -9.103828801926283e-17



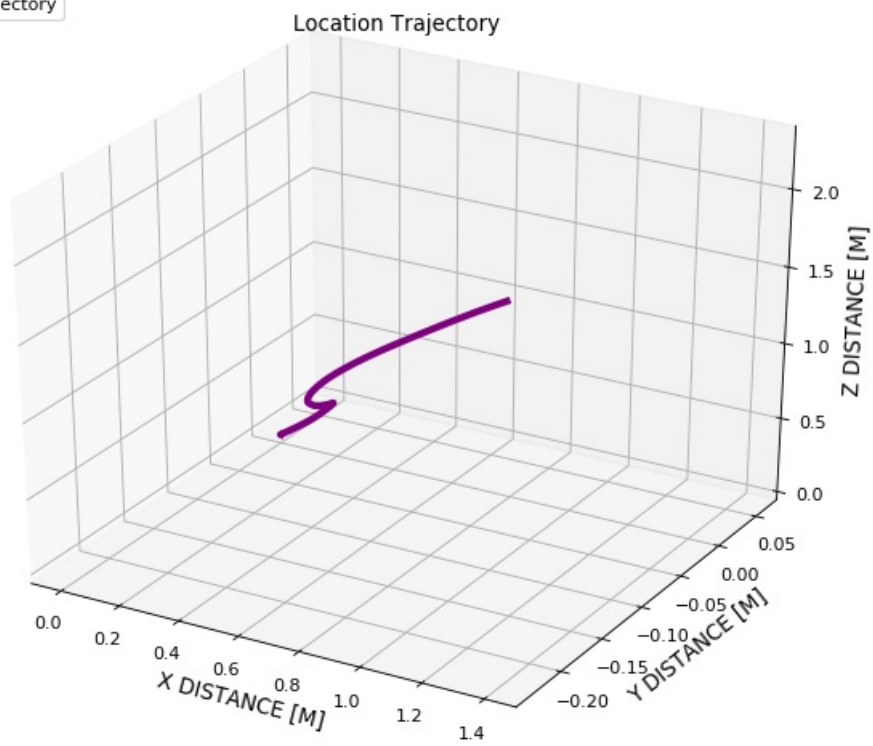
Updated Offset first 200 samples: -8.881784197001253e-18



Updated Offset first 200 samples: -3.552713678800501e-17



— Trajectory



In [2]: