Strings and Things

- 1. ✓
- 2. Yes.
- 3. Yes.

I have the same name and changed the output successfully

Upgrades from the diffeq-oscillation to diffeq-pendulum code

(. ✓

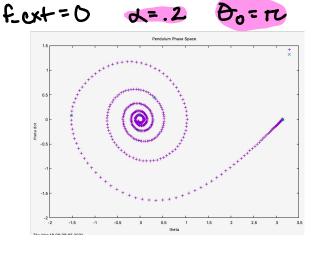
2.

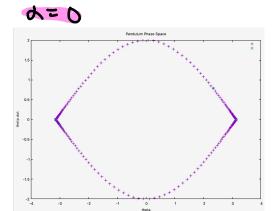
Damped (Undriven) Pendulum

1.1

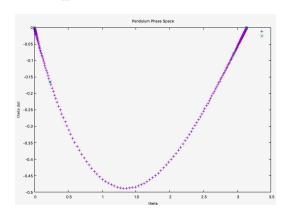
2. Output file: diffeq-pendulum_0.2. dat

3.

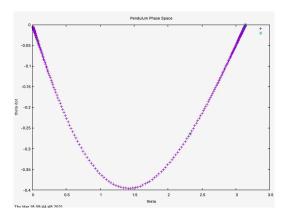




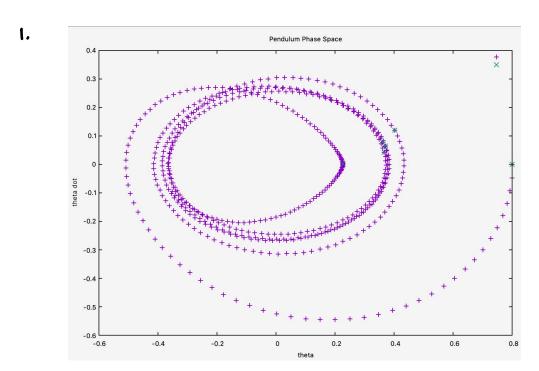
x=2



X=2.5



Damped, Driven Pendulum

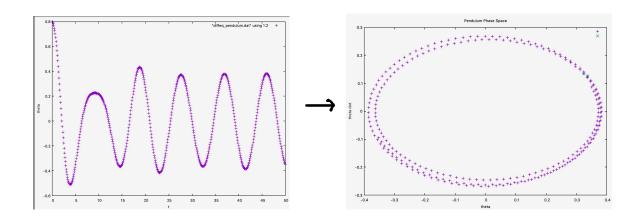


they show that this does not have pertodic behavior

2. ✓

3. plot-start: t= 27s

not untrely

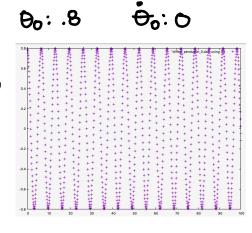


2.

d: 0 flext: 0 weet: 1689

Plot start: 0 plot and 100

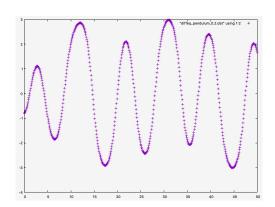
t. stort: 0 thend 100



d: .2 f.ext: .52 w_ext: .689 Bo: -.8 Bo: .1234

Plot start: O plot and 100

t. stort: 0 t. end 100

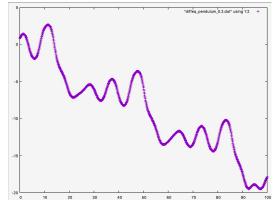


A:.2 f.ext:.52 W-ext:.694 Bo:.8 00:.8

Plot start: 0 plot and 100

t. stort: 0 then 100



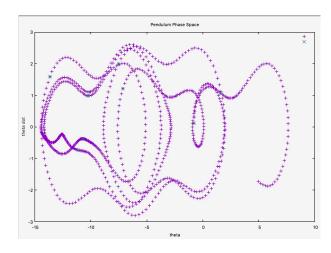


- -the green points can be counted to find the number of periods
- I think the fourier transform would give the number and value of each frequency. But, it you look at the peaks/repitition in the grouphs you can just count.

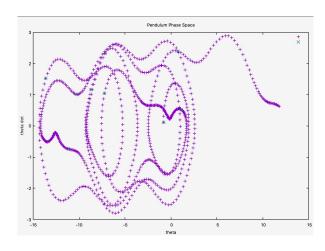
3. d.: 2 f.ext: 9 w. cxt: 54 00:-8 00:1234

Plot start: 0 plot and 100

testort:0 teend 100



8 :: 0X



xo:-.81

-it seems like the beginning and ends of the plot enonge, and the middle stays relatively the same.