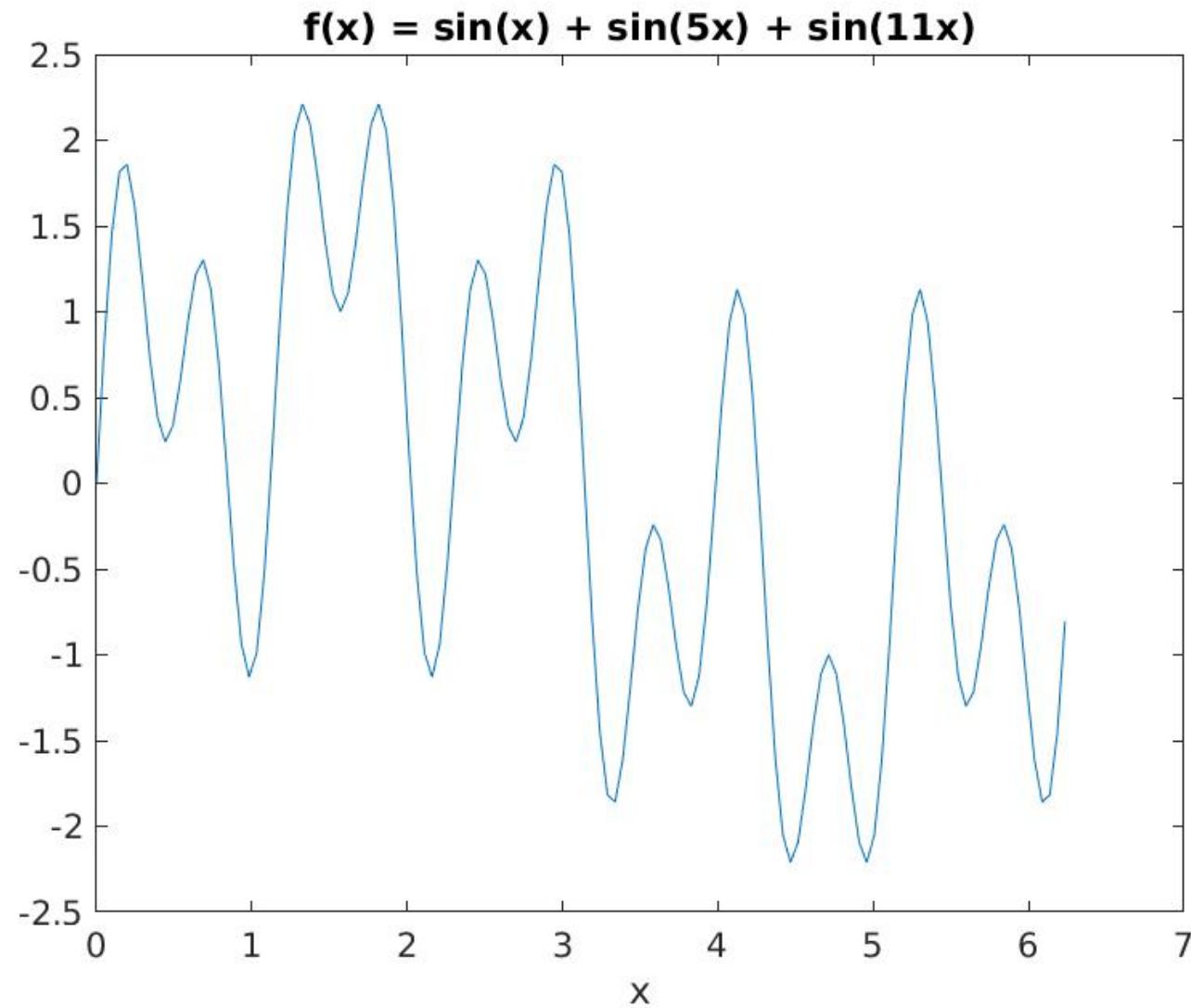


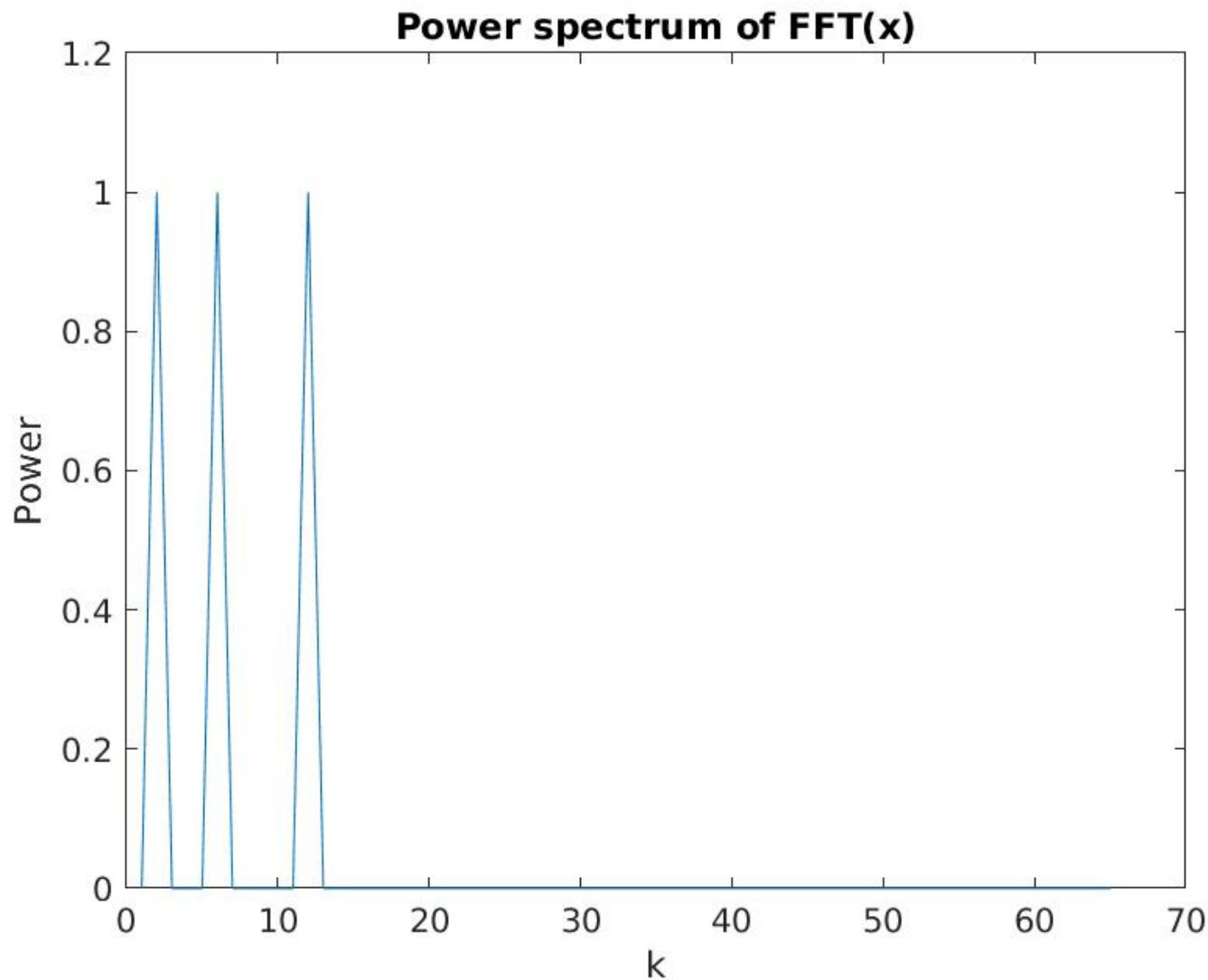
**PHYSICS 410**

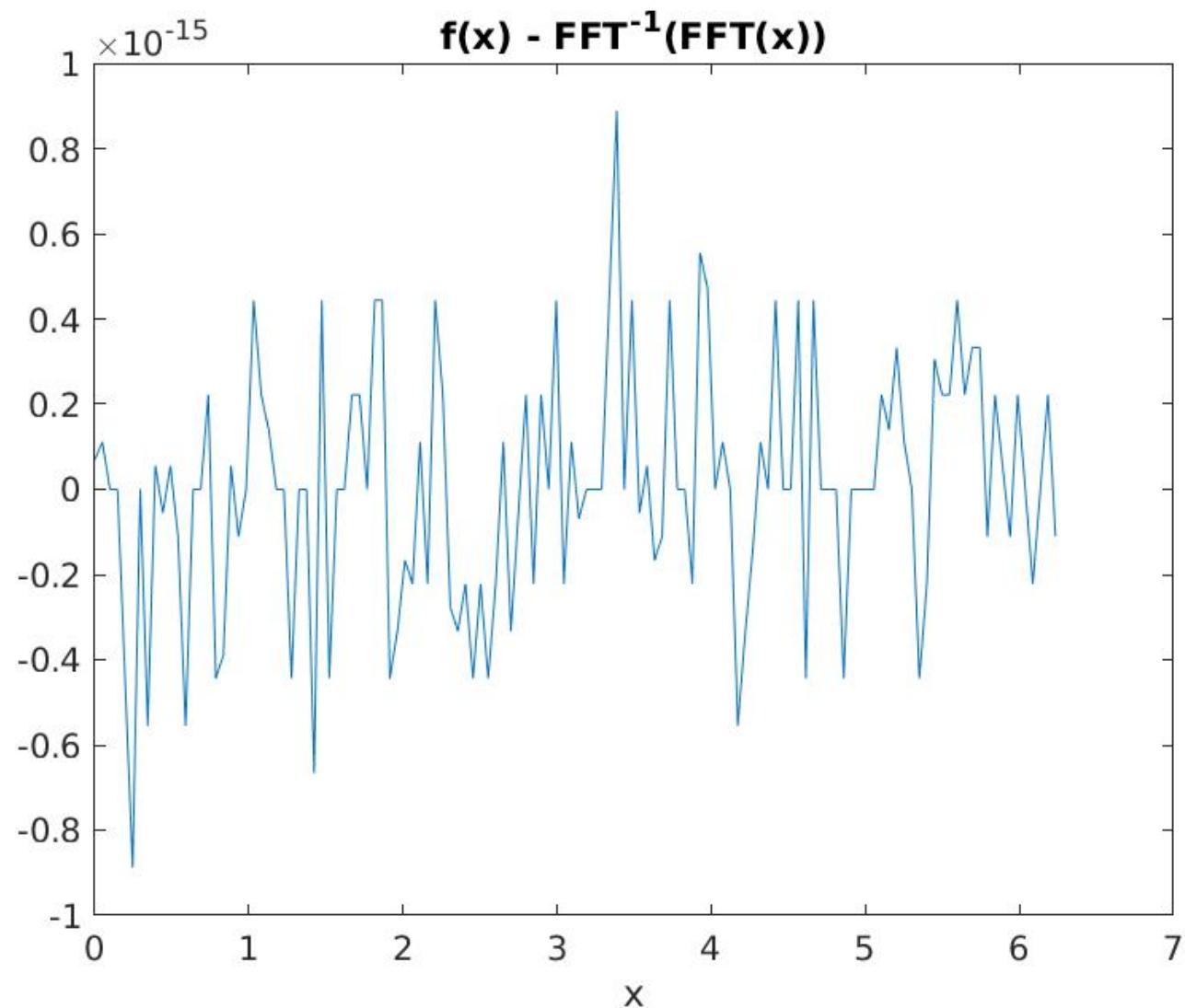
**FFTs: POWER SPECTRA**

- Sample function

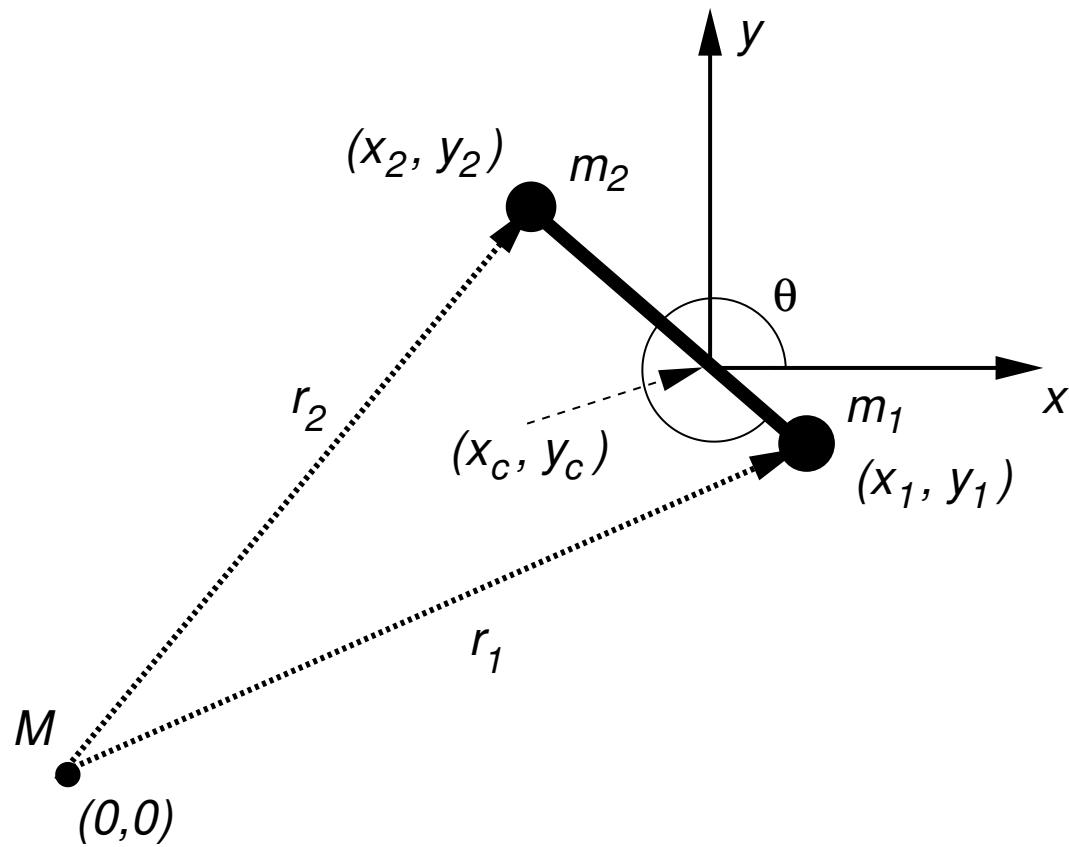


- Power spectrum of sample function

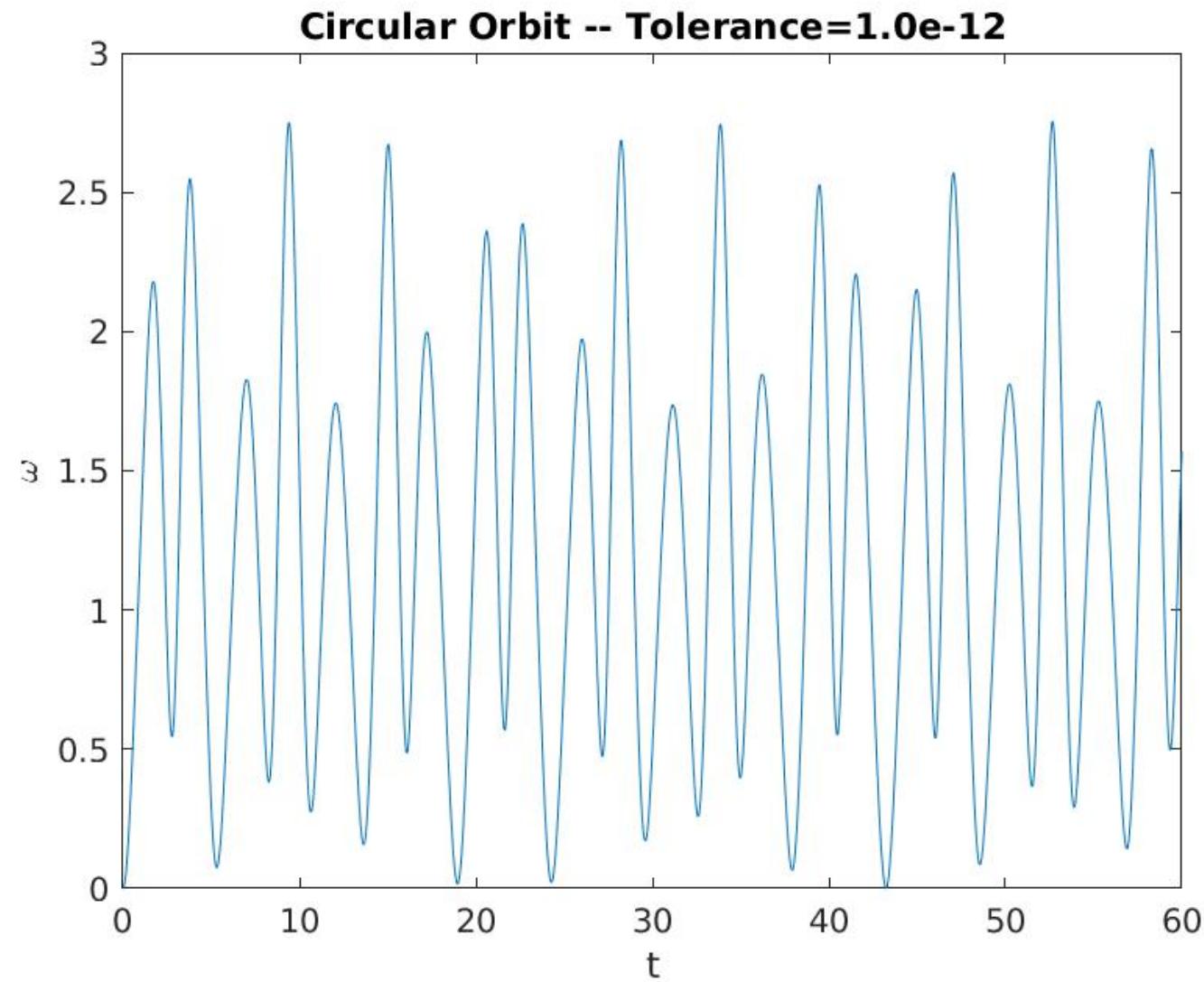




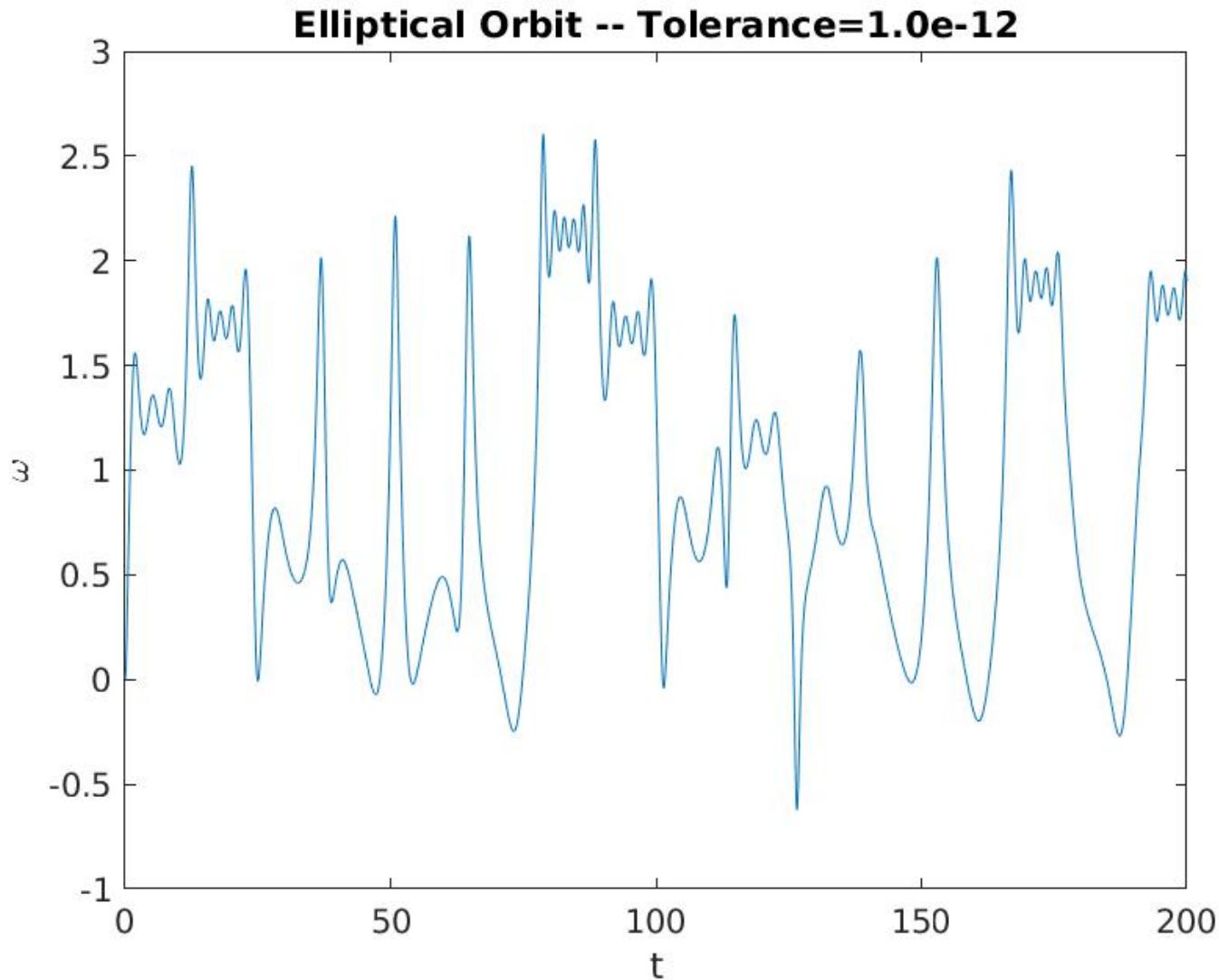
# Orbiting Dumbbell



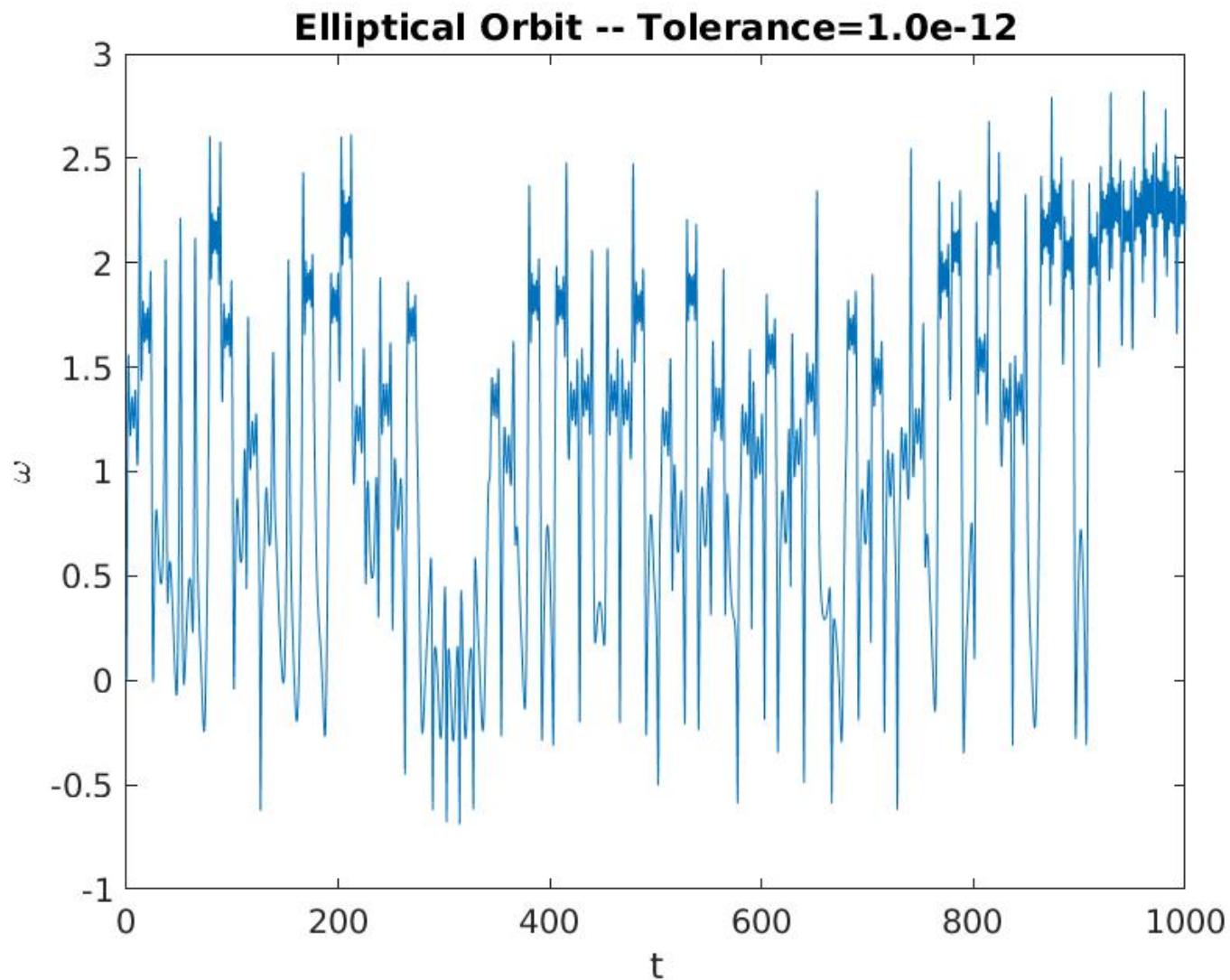
- Plot of  $\omega(t)$  for circular orbit



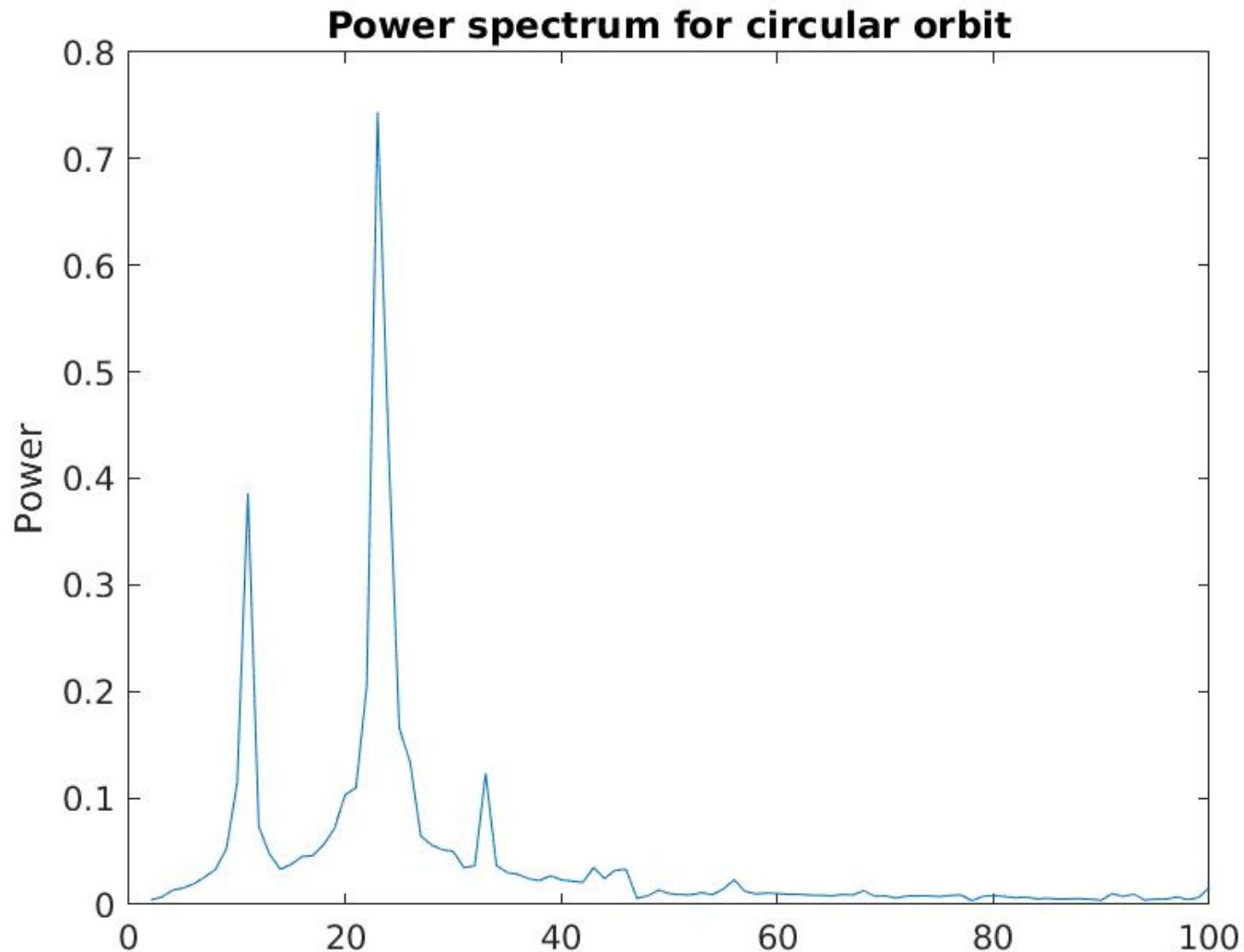
- Plot of  $\omega(t)$  for elliptical orbit



- Plot of  $\omega(t)$  for elliptical orbit, longer integration time



- Plot of power spectrum of  $\omega(t)$  for circular orbit



- Plot of power spectrum of  $\omega(t)$  for elliptical orbit

