

Out[7]: [Click here to toggle on/off the raw code.](#)

Recalculation of Murotani Figure 3.

Below are some plots of the same simulation with different windows chosen for the FT. When we include the transient response, it looks like the murotani calculation, but when we consider the long time response, the leggett mode frequency seems to agree with the lower gap frequency.

The greyed out area on the plots corresponds to the window of the fourier transform.



