29-06-2020

Traditionally signals were length of the power of 2 – can pad with zeros if absolutely necessary

Check the FFT

Check the window size specifically

Sanity check – check the parameter – what is displayed is actually what I want to be displayed

CWT and STFT – different to what is more or less a normal signal

200,000 elements – 1024 – 2048 – step half that – run through the entire signal – if matlab can take it run the entire signal through and output the plots – just pick a single channel

One for the whole signal

Do on with a sliding window

Send tryphon an email when it is done and check on the

Note to self – the heavily leaning towards the 0 is like a result of the bit discussed in the proposal about unbalanced data, the majority will be aligned around 0 whilst the events that actually occur at the more extreme frequencies are much rarer. – talk to Tryphon about this, it seems obvious now I’ve actually put it down in writing.

Have a look at the detrend function.