Dominate Frequency

* Need to convert from time spectrum to frequency spectrum
  + Time spectrum is amplitude vs time
  + Frequency spectrum is amplitude vs frequency
  + Use FFT to convert the signal from time spectrum to frequency spectrum
* Dominate Frequency is the frequency with the highest amplitude.

Matlab Examples

* <https://www.mathworks.com/matlabcentral/fileexchange/28810-fourier-transform-demonstration>

Resources:

* <https://www.ritchievink.com/blog/2017/04/23/understanding-the-fourier-transform-by-example/>
* <https://www.cv.nrao.edu/course/astr534/FourierTransforms.html>