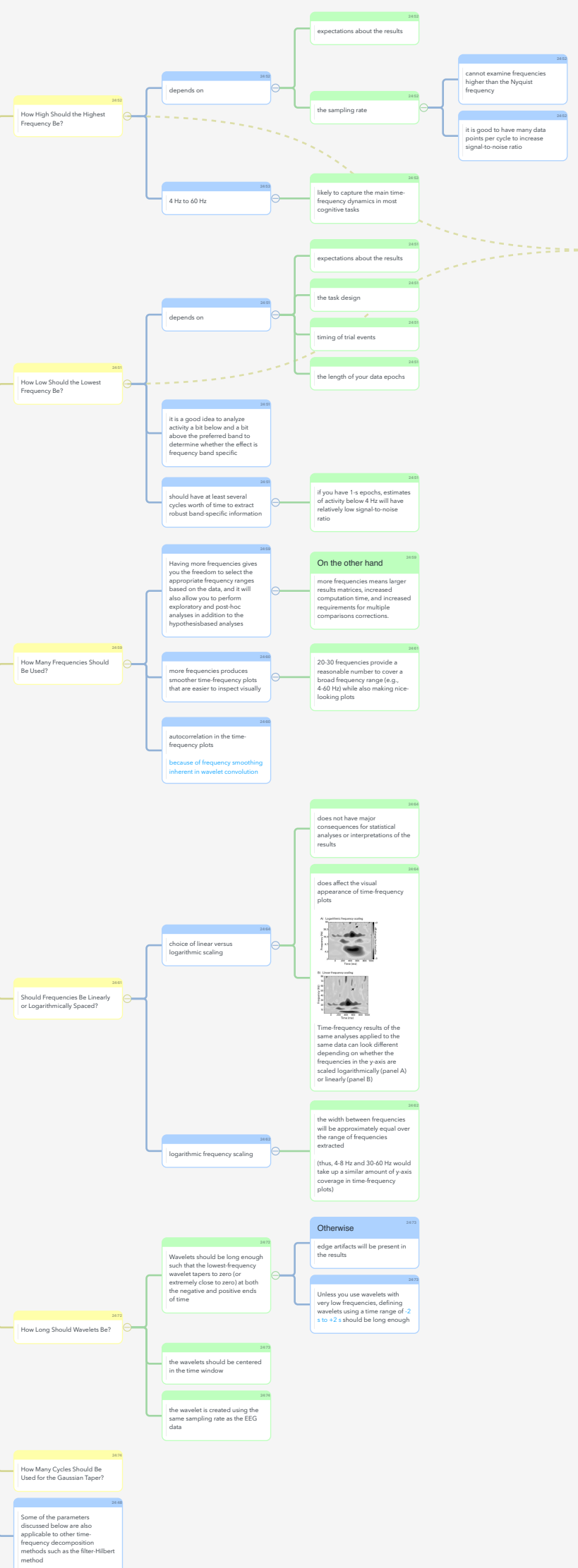


13 Complex Morley Wavelets and Extracting Power and Phase

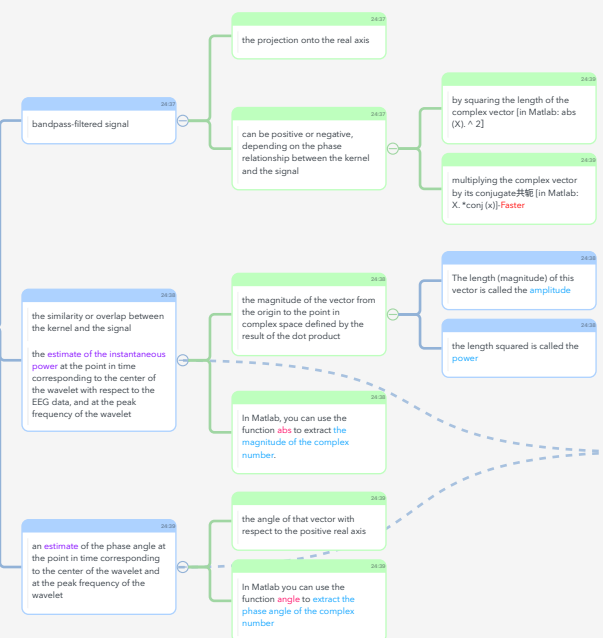
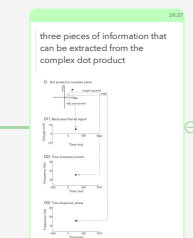
- The Wavelet Complex
- Imagining the Imaginary
- Rectangular and Polar Notation and the Complex Plane
- Euler's Formula

Parameters of Wavelets and Recommended Settings



**Summary**  
If you see task-related activity close to the lowest or highest frequencies, you could reanalyze the data using a broader frequency range.

Euler's Formula and the Result of Complex Wavelet Convolution



**Summary**  
called estimates because they are influenced by activity at neighboring time points

From Time Point to Time Series

Tips for Writing Efficient Convolution Code in Matlab



Describing This Analysis in Your Methods Section

Exercises

Determining the Frequency Smoothing of Wavelets