

List of things to know
Week 3 (01/30/04)

Be able to use properties of Table 3.1 & Table 3.2 on specific signals

Be able to use the Parseval's relationship for continuous or discrete signals

Be able to compute the system function and frequency response for continuous and discrete LTI systems

Be able to compute the signal output to a LTI system using the system's frequency response and the input signal Fourier series decomposition.

Be able to explain why LTI systems outputs of periodic signals only frequencies which are present at the input (i.e., the LTI do not generate new frequencies at the output)

Be able to compute and plot the frequency response magnitude of LTI systems