PROBLEM:

5

-5

-3

-2

-1

(a)

(b)

(e)

-5

-2

0

Time (sec)

-3

Several signals are plotted below along with their corresponding spectra. However, they are in a random order. For each of the signals (a)–(e), determine the correct spectrum (1)–(5). Explain your answers by deriving the formula for a time signal from each of the spectrum plots.

2

3

0

Time (sec)





