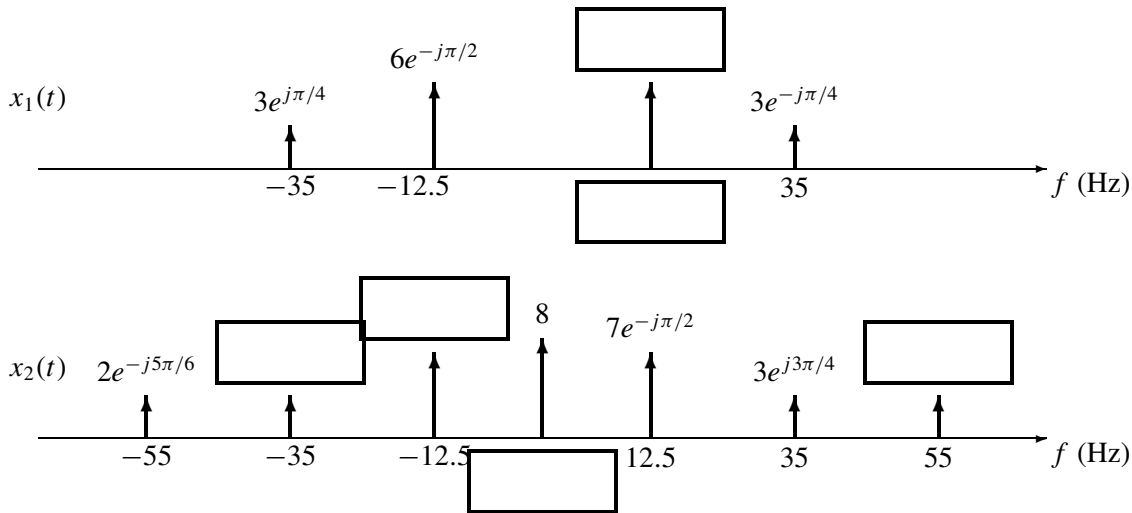


PROBLEM:

- (a) The incomplete spectra for two *real* signals $x_1(t)$ and $x_2(t)$ are shown in the following figures. Fill in the empty boxes for the missing components.



- (b) Write an equation for $x_2(t)$ in terms of cosine functions.