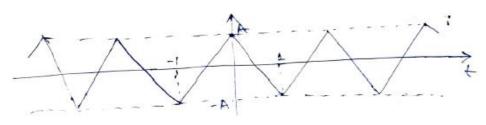


The output of the system is Zero everywhere except for the time Interval is \_\_\_\_\_

- (2) Sketch the function fct) = 1 and ucts.

  Now, Find fct) \* ucts and sketch the result
- 3) Find the exponential Fourier series for the periodic Signal gCt)



The following figure shows the exponential fourier spectora of a periodic Signal MCH.

(Phase spectora)

Spectora)

The following figure shows the exponential MCH.

(Phase spectora)

Spectora)

The following figure shows the exponential MCH.

(Phase spectora)

Spectora)

(a) Find nut) from the above exponential fourier spectra