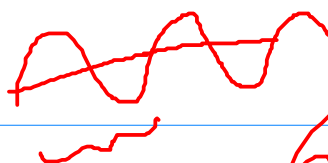
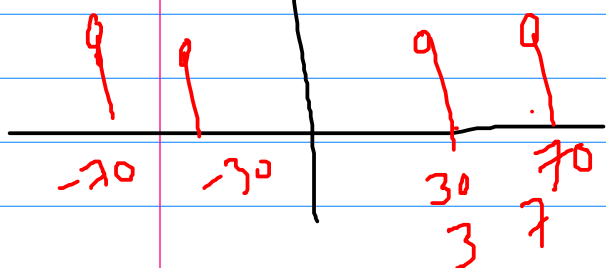
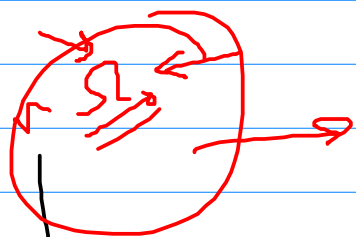


$$x(t) = \frac{1}{t^2 + 1}$$

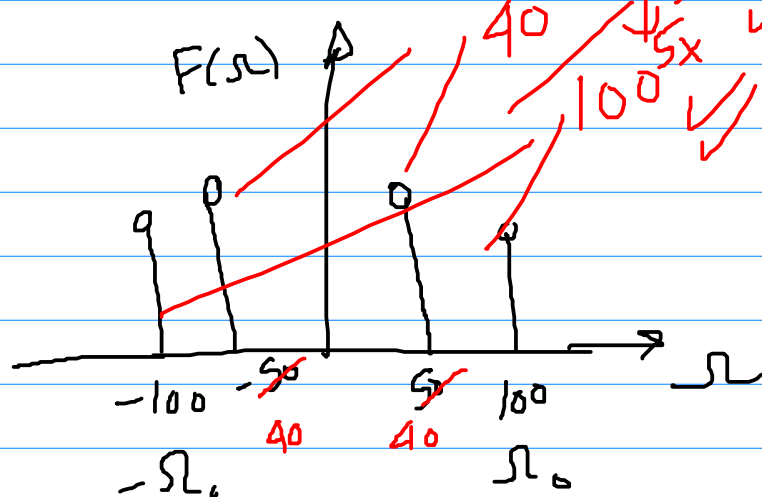


Fundamental



$$90 - 40 \quad 10 \quad 40 \quad 90$$

$$\Omega_0 \quad \Omega_0 \quad \Omega_0 \quad \Omega_0$$



$$f(t) = e^{-t} u(t-2)$$

$$= e^{+2} e^{-(t-2)} u(t-2)$$

$$f\{e^{-t} u(t)\}$$

time shift by 2

$$e^{+2} \frac{1}{j\Omega + 1} e^{-j\Omega(2)}$$