$$f(t) = Sint O(t)$$

$$y(t) = S(f) = tO(t)$$

$$-1 \leq \xi(t) \leq 1$$

$$F(s) = \frac{1}{s^2 + 1}$$

$$H(s) = \frac{Y(s)}{F(s)} = \frac{s^2 + 1}{s^2} = 1 + \frac{1}{s^2}$$

$$\frac{C}{f(t)} = \frac{1}{4} \sin t \theta (t)$$

$$f(t) = 18int0(+)$$

$$F(S) = -\frac{2S}{(S^2+1)^2}$$

$$(\lambda(h + f) = \lambda(f) \cdot \lambda(h)$$

$$F(s) \cdot H(s) = -\frac{2s}{(s^2+1)^2} \cdot \frac{3s^2+1}{s^2} = \frac{2s}{(s^2+1)^2} \cdot \frac{2s}{(s^2+1)^2} \cdot \frac{2s}{(s^2+1)^2} = \frac{2s}{(s^2+1)^2} \cdot \frac{2s}{(s^2+1)^2} \cdot \frac{2s}{(s^2+1)^2} \cdot \frac{2s}{(s^2+1)^2} = \frac{2s}{(s^2+1)^2} \cdot \frac{2s}{(s^2+1)^2} \cdot \frac{2s}{(s^2+1)^2} = \frac{2s}{(s^2+1)^2} \cdot \frac{2s}{(s^2+1)^2} \cdot \frac{2s}{(s^2+1)^2} = \frac{2s}{(s^2+1)^2} = \frac{2s}{(s^2+1)^2} \cdot \frac{2s}{(s^2+1)^2} = \frac{2s}{(s^2+1)^2} = \frac{2s}{(s^2+1)^2} \cdot \frac{2s}{(s^2+1)^2} = \frac{2s}{(s^2+1)^2}$$

$$= -\frac{2}{S(s^2+1)} = \frac{A=2}{A} + \frac{Bs+C}{S^2+1} = \frac{2}{S^2+1}$$

$$= \frac{2}{s^2 + 1} = 2\left(\frac{1}{2} - \frac{s}{s^2 + 1}\right)$$

$$g(t) = 2(1 - (\omega s + ) o(t)$$