$$T = \frac{3s+5}{s^3+4s^2+5s+2}$$

$$S_{6}=-1$$

$$-\frac{1}{3} = \frac{3s+5}{s^3+4s^2+5s+2}$$

$$S_{6}=-1$$

$$-\frac{1}{3} = \frac{3}{3} = \frac{3}{3$$

$$f(5) = \frac{3}{(5+1)^{2}(5+2)}$$

$$A = 9.8 = 1$$

$$S = -3 \pm 1$$

$$S = \frac{3}{2} = \frac{3}{2} = \frac{3}{2}$$

 $\frac{A_{S+B}}{(S+1)^2} + \frac{C}{(S+2)} + \frac{A_{S^2}}{2A_{S}+B_{S}+2B} + \frac{2}{2B}$

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

$$= \frac{U-1}{U^2} + \frac{3}{(s+1)^2} + \frac{1}{(s+2)}$$

$$= \frac{U-1}{U^2} + \frac{3}{(s+1)^2} + \frac{1}{(s+2)}$$

$$= \frac{1}{(s+1)^2} + \frac{3}{(s+1)^2} + \frac{1}{(s+2)^2}$$

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$$= \frac{1}{(s+1)^2} + \frac{3}{(s+2)^2} + \frac{1}{(s+2)^2}$$

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

$$mx + 0x + kx = 0$$

$$m L dx + b L dx + k L dx = |8 L d| + k L dx = |8 L d$$

$$m s^{2} \angle q x / b - m s x_{6} - m x_{6} + b s \angle q x / b = \frac{18}{5}$$

$$-b x_{6} + K \angle q x / b = \frac{18}{5}$$

$$\angle q x / b (m s^{2} + b s + K) = \frac{18}{5} + X_{6} (m s + b)$$

$$+ m x_{6}$$

$$\angle q x / b (s^{2} + 6 s + 18) = \frac{18}{5} + (s + 6) + 3$$

$$\angle q x / b = \frac{18}{5^{2} + 6 s + 18}$$

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 $+\frac{1}{5} \cdot 6 \cdot \frac{3}{(5+3)^2+3^2}$

$$x = \frac{1}{4} \frac{(5+3)}{(5+3)^2 + 3^2} \left[b + 2 \frac{1}{4} \frac{3}{(5+3)^2 + 3^2} \right]$$

$$+ 6 \int_{0}^{1} 1 \cdot e^{-3t} \sin(3t) dt = 1 - e^{3t} (\cos 3t + 5\cos 3t)$$

$$x = e \cos(3t) + 2 e \sin(3t) + 1 - e^{3t} (\cos (3t) + 1)$$

$$Sin(3t) = 1 + e^{-3t} \sin(3t)$$

$$3) \int_{0}^{1} \int_$$

LS
$$T(s) + R T(s) + K_{4}s = (-)(s) = V(s)$$

$$(L_{S+R}(J_{S^{2}+lo}) + K_{4}s) = (-)(s) = V(s)$$

$$(L_{S+R}(J_{S^{2}+lo}) + K_{4}s) = (-)(s) = V(s)$$

$$(L_{S+R}(J_{S^{2}+lo}) + K_{4}s) = (-)(s) = V(s)$$

$$(L_{S+R}(J_{S^{2}+lo}) + (L_{S+R}(J_{S^{2}+lo}))$$

$$(L_{S+R}(J$$