$$=\frac{3}{S^2}+\frac{12}{S}$$

$$\lambda (e^{-2t}) = \frac{1}{s-(-2)}$$

$$\mathcal{L}(\cos \pi t) = \frac{S}{S^2 + \pi^2} = (32.8)$$

£ (cos2 wt) = { { 1/2 (2 cos2 wt) } = 8= (1+ cos 2 wt)} - f(1)+1 f(cos 2002)  $\frac{1}{2}$   $+\frac{1}{2}$   $\frac{1}{2}$   $\frac{1$ = = + + + + ( S + 4 w2 ) 7. g(t) = sin (wt +0) [ {sin(w+++)} = { {sinwt coso + coswt sino} O REDMI NOTE 95 AI QUAD CAMERA

= coso & since + sino & Leoscut = coso ( cu s'+w2) + sino ( s'+w2) 8. f(t) = 1.5 sin (32- 7/2) £ {1.5 sin (32-12)} = £ 1.5 {sin3t cost/2-Cos 37 Sin 142 } 1.5 Cos 1/2 & Sin3t - 1.5 sin 1/2 & Cos 3t = 1.5 cos 1/2 (3/9) - 1.5 sin 1/2 (8/9) OO REDMINDTE 9S

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