$$\frac{1}{8} \frac{2}{8} \frac{1}{8} \frac{4}{8} \frac{1}{8} \frac{1$$

$$S_{1} = -\sqrt{3} + 3j, \quad S_{2} = -\sqrt{3} - 3j$$

$$t_{p} = \frac{77}{\omega_{n}\sqrt{1-g^{2}}} = \frac{77}{|\operatorname{Im}_{g}(S)|} = \frac{77}{3}j = \frac{77}{3}$$

$$t_{s} = -\sqrt{3} + 3j, \quad S_{2} = -\sqrt{3} - 3j$$

$$= \frac{77}{|\operatorname{Im}_{g}(S)|} = \frac{77}{3}j = \frac{77}{3}$$

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$$= \frac{77}{|\operatorname{Im}_{g}(S)|} = \frac{77}{3}j = \frac{77}{3}$$

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$$= \frac{4}{|\operatorname{Im}_{g}(S)|} = \frac{4}{|\operatorname$$

$$G(S) = \frac{2(S+3)}{(S+1)(S+2)}, R(S) = \frac{1}{S(S+1)}$$

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

$$=2\left[\frac{A}{6} + \frac{Bs+D}{(s+1)^2} + \frac{Cs}{cs+1} + \frac{E}{s+2}\right], A = \frac{3}{2} = \lim_{s \to a} \frac{4cs}{s} = S$$

$$Cz - 2, Ez - \frac{1}{2}, B = 1, D = -1$$

$$=2\left[\frac{1.5}{5}+\frac{3-1}{(3+1)^2}+\frac{2}{5+1}+\frac{1}{2(5+2)}\right]$$

$$\mathcal{L} \longrightarrow \mathbf{Z}$$

$$3u(t) + \frac{d(te^{-t})}{dt} - te^{-t} - 2e^{-t} - \frac{1}{2}e^{-2t}$$

$$y''(t)$$

$$\frac{Cos_{3}}{Ros_{7}b} = \frac{7}{8^{2} + os_{7}b}$$

$$\frac{7}{8^{2} + os_{7}b} = \frac{7}{8^{2} + os_{7}b}$$

$$\Rightarrow \int 2gw_{n} = a$$

$$w_{n}^{2} = b + 7$$

$$\Rightarrow \int 2gw_{n} = a$$

$$w_{n}^{2} = b + 7$$

$$\Rightarrow \int 2gw_{n} = a$$

$$\Rightarrow \int 2\sqrt{b + 7}$$

$$\Rightarrow \int 2gw_{n} = a$$

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$$\Rightarrow \int 2\sqrt{b + 7}$$

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محاسرت م

الله موالات معدد مهای به دسود اساد سل نسوه بای ماره اید!