

$$M = 25 [tg]$$

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$$M = 75 [Nomi]$$

$$K = 50 [Nmi]$$

$$Fo = 1.5 [N]$$

$$W = 4 [5i]$$

$$Y(t) = 50 5 \text{ mut}$$

$$\frac{\chi(t) = Fo \sin wt}{A}$$

$$\chi(0) = 0, \chi(0) = 2 [mo^{-1}]$$

$$-M\chi'' - B\chi' - k\chi + \chi(t) = 0$$

$$-Mx'' - Gx' - Lx = -\chi(E) = C$$

$$-Mx'' + Bx' + Lx = -\chi(E)$$

$$x^{2} + 3x^{2} + 2x = 0.5 \sin 4t$$

$$3^2X(5) - 5X(0) - X(0) + 35X(5) - X(0) + 2X(6) = 0.5 \frac{4}{5^2 + 16}$$

$$5^{2}X(5) - 2 + 35X(5) + 2X(5) = \frac{2}{5^{2} + 16}$$

$$5^{2}X(5) + 25 X(5) + 2X(6) = \frac{2}{5^{2}+16} + 2$$

$$X(S)\left(3^{2}+3S+2\right) = \frac{2+25^{2}+32}{3^{2}+16}$$

$$X(s) = \frac{25^{2} + 34}{(5^{2} + 16)(3 + 36 + 2)} = \frac{25^{2} + 34}{(3 + 16)(3 + 1)(6 + 2)}$$

$$b_{1/2} = \frac{-3 \pm \sqrt{9 - 8}}{2}$$

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$$\frac{25+81}{(3+6)(6+6)(5+2)} = \frac{A_{0}+B}{3+16} + \frac{C}{3+1} + \frac{D}{3+12} = \frac{D}{(3+6)(6+6)(6+2)}$$

$$\frac{25^{2}+3h}{2} = \frac{A_{0}+B}{2} + \frac{A_{0}+B}{2} + \frac{D}{2} + \frac{D}{2} + \frac{1}{166} + \frac{D}{2} + \frac{D}{2} + \frac{1}{166} + \frac{D}{2} + \frac{D}{2} + \frac{1}{166} + \frac{D}{2} + \frac{D}{2} + \frac{D}{2} + \frac{1}{166} + \frac{D}{2} +$$