







Day: M T W T F 5
-471 +3 y =0
$-4x_{1} = -3y_{1}$ : $V_{1} = \begin{pmatrix} -1 \\ 1 \end{pmatrix}$
x, = 3 y
$V_1 = \begin{pmatrix} 3/4 \\ 1 \end{pmatrix}$
$\sqrt{\frac{3}{1}}$
$\chi(4) = C, e^{4}$ $+ C_{2}e^{2+}$
x(t) 3 c, e + - C2 e y(t) 4 c, e + c, e - 2+
$\chi(0) = 3C_1 - C_2$ $y(0) = 4C_1 + C_2$ $y(0) = 4C_1 + C_2$
$\frac{3C_{1}-C_{2}-14}{3C_{1}-C_{2}}$ $\frac{3C_{1}-C_{2}-14}{4C_{1}+C_{2}-7}$ $\frac{14-9-C_{2}}{4C_{1}+C_{2}-7}$
14-9=-Cz 14-9=-Cz 14-9=-Cz 14-9=-Cz

Date:

$$\left(\frac{x(t)}{y(t)}\right)^{2} \left(\frac{9e^{9t}}{12e^{5t}} + 5e^{-2t}\right)$$