



4201	57 / = 2.6° 3 - 1 - 2 - 9 - 2 - 4 10 5 - 10 - 13 14 - 13	5 6	00000						
A - ,	A I - 1 1.32 1	-11.675 -13	-1 -2 2.325 -14	- 2 - 4 - 10 15.67-5					
0 -1	E 8	-1 -2 2.32j	-2 00		R1/C1.325	) -> 21 (A - 2 O A A A A A A A A A A A A A A A A A A	6-036	-2 2.325 -14	-1.509
	397 - 3.509 - 2.325	0 810.4 0 0 0 - 01 - 01 - 0	xa) Ry - (-1)	. R, -> R4 (0)	1 - 3	757 - 1.50° -509 - 7.00° -525 - 10° +.714 - 15°	18 0 1	(2518)	(6.397)
00	026 -0.754 1 - 8.859 10 2.323 6.964 - (4.7	+ -17.669	0 /	R3-1002 - 120	6.036		-1.509 -17.669 166.688 -12.184	0 24	4)
0 0	36 - 0.754 -8.884 90.669 -76.27	-1.509 -17.609 -40 8 -17.184	0 /x(0.0M	R3/(90.669)-p	P3 (0 1 0 0 0 0 0	6 -0.754 -8.834 -76.27	0	26,248) Ru	-76

$$\frac{3\lambda^{4} + 26\lambda^{3} - 219\lambda^{2} - 438\lambda - 335}{4 \times 39\lambda^{2} - 438\lambda - 335}$$

$$\Rightarrow 3(2.6746)^{4} + 26(26746)^{2} - 219(2.6746)^{2} - 3500$$

$$H(2.6746)^{3} + 39(2.6746)^{2} - 438(2.6746) - 835$$

$$\Rightarrow 11.0540 = \lambda_{2}$$

$$\lambda_{2} \approx 11.054$$
 $A - \lambda_{4}I \approx \begin{pmatrix} -7.054 & 8 & -1 & -2 \\ -2 & -20.054 & -2 & -4 \\ 0 & 10 & -6.054 & -10 \\ -13 & -14 & -24.054 \end{pmatrix}$ 
 $Av = \lambda y$ 
 $(A - \lambda I) \cdot y = 0$ 

Gaussian Elimination:

 $A \cdot 054 = 8 \quad -1 \quad -2 \quad | 0 \mid \chi(-0.142)$ 
 $-20.054 - 2 \quad -4 \quad | 0 \mid \chi(-0.142)$ 

$$\begin{pmatrix} 7 & -1.454 & 0.442 & 0.854 & 0 \\ 0.1 & 0.034 & 0.454 & 0 \\ 0.2 & -1.0 & -6.054 & -10 & 0 \\ 0.2 & -1.0353 & -2.3-739 & 0 \\ 0.3 & -1.0353 & -2.3-739 & 0 \\ 0.3 & -1.0353 & -2.3-739 & 0 \\ 0.3 & -6.823 & -11.538 & 0 \\ 0.44.84 & -8.858 & -2.3-710 & 0 \\ 0.0 & -6.822 & -11.538 & 0 \\ 0.0 & -6.822 & -11.538 & 0 \\ 0.0 & -6.822 & -11.539 & 0 \\ 0.0 & -6.822 & -11.539 & 0 \\ 0.0 & -12.771 & -21.739 & 0 \\ 0.0 & -12.771 & -21.739 & 0 \\$$

Answer:
$$t_1 = -0.071 \text{ y}_4$$
 $t_2 = -0.024 \text{ y}_4$ 
 $t_3 = -1.691 \text{ y}_4$ 
 $t_4 = V_4$ 

