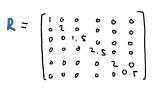
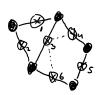


L	•	1	٤	3	h	s	6
	1	0	0	002500	v	0	0
7	2	0	١	0	0	0	0
:	3	0	0	2.5	0.5.	0	0.1
١	١	0	0	0.2	2.1	ō	0
:	5	0	0	0	0	٥. ۴	٥
G	,	0	0	6.1	0	0	Ò





	Lc	R,	C	I _s	Vs
1	~	1	0	0	~2.3
ζ	2	2	0	٥	0
3	1.5	1 2 1. S	3.2	1.2	0
ч	6.5 0	2.5	0	0	0
5	0	2	ı	1.2	Ø
6	0	0.5	2	0	C)

Normalized units

Normalizing scalars Io, Ro, ao

$$V \rightarrow \Gamma_{o}R_{o}$$

$$t \rightarrow \Phi_{o}/(2n\Gamma_{o}R_{o})$$

$$E \rightarrow \xi_{Jo} = \frac{1}{2n}\Phi_{o}\Gamma_{o}$$

$$L \rightarrow E_{Jo}\Gamma_{o}^{2} = \Phi_{o}/(2n\Gamma_{o})$$

$$\Phi \rightarrow \Phi_{o}$$

$$C \rightarrow \Phi_{o}/(2n\Gamma_{o}R_{o}^{2})$$

Other quantities in normalized units

1	SI.	normalized	-
Es	1/2 Potc	Ιc	
to	₫, /(211 I, P)	(I(R))	
£	RC	RC	
tu	L/R	L/R	
Bc	211 R2C I(/6	R ² E _C C	= tc/t3
DL	211LIc/40	I _c L	= t1/t3
		~	-

$$I = \mathbf{L}_{s} \sin \theta + \mathbf{R}^{1} \dot{\theta} + \mathbf{C} \dot{\theta} + \eta$$

$$\mathbf{M} (\mathbf{L} - \mathbf{I}_{s}) = 0 \quad \leftarrow \mathbf{KCL}$$

$$V = \dot{\theta} + \mathbf{L} \dot{\mathbf{I}} + V_{s}$$

$$\mathbf{A} V + 2\pi \dot{\Phi}_{e} = 0 \quad \leftarrow \mathbf{KVL}$$

$$\theta_{s} = \int_{0}^{t} V_{s}(t) dt' \qquad \mathbf{IKVL(2)}$$

$$\mathbf{A} [\theta + \mathbf{L} \mathbf{I} + \theta_{s}] + 2\pi \dot{\Phi}_{e} = 2\pi \mathbf{Z}$$