$$\boxed{ Z_1 + \frac{N_1 - N_2}{R_1} + C \frac{\partial (N_1 - N_2)}{\partial t} = 0 }$$

node
$$N_2$$
: $\frac{N_2-N_1}{R_1}$ + $C\frac{\partial(N_2-N_1)}{\partial t}$ + $\frac{N_2}{R_2}$ + $Z_L=0$

node
$$H_3$$
: $\left| -I_L + I_3 + I_n + C_n \frac{\partial N_3}{\partial t} \right| = 0$

$$\overline{I_3} = \frac{N_3}{R_3}$$

$$\overline{I_n} = \overline{I_n}$$

node
$$MS:$$
 $\frac{N_S-N_4}{R_0} + \frac{N_S}{R_0} = 0$

$$C\frac{\partial \vec{v}}{\partial t} + G\vec{v} = \vec{F} \qquad ((10 \times 10) \qquad G(10 \times 10)$$

$$\frac{4}{4} - L \frac{\partial IL}{\partial t} + N_2 - N_3 = 0$$

$$(5) \quad C_n \frac{\partial N_3}{\partial t} - I_L + I_3 + I_n = 0$$

$$I_n = I_n$$

					N,	N2	N3	N4	N2	ZI.	IL.	Z 3	Zq .	In
1/2	- , 7	F	T 1/4 7		0	0	0	0	0	0	0	0	0	0
	N,		Vin		C	-C	0	0	0	0	0	0	0	0
	N ₂		0			(0	0	0	0	0	0	0	0
	N ₃		0		0	0	0	0	0	0	-L	0	0	0
	N4 \		0	C=	0	0	Cn	0	0	0	0	0	0	0
	N2				0	0	0	0	0	0	0	0	0	0
	I I		0		3	0	0	0	0	0	0	0	0	0
	IL		0		0	0	0	0	0	0	0	0		0
	I3		0		0	0	0	0	0	C) 6	0	0	0
	Z4		In		2	0	0	0	ć	0) (0 0	0	0
	In		- 41 -		-	4	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Ow							

$$(3\overrightarrow{v} + 6\overrightarrow{v} = \overrightarrow{F})$$

$$(6 + 5wC)\overrightarrow{v} = \overrightarrow{F}(w)$$

Time Domain: $\vec{v}_j = A^{-1} \left[\left(\frac{\vec{v}_{j-1}}{ot} + \vec{F}(t_j) \right) \right] \text{ where } A = \frac{c}{ot} + 6$

Hilroy