

$$\left(L_{m}D+2R+\frac{2}{CD}\right)i_{1}-\left(R+\frac{1}{CD}\right)i_{2}=e(t)$$
 (I)

·Malha (2):

$$\left(L_{M}+R+\frac{3}{CD}\right)i_{2}-\left(R+\perp\atop CD\right)i_{1}-\perp i_{3}-\perp i_{4}=0 \quad (\Pi)$$

·Malha 3:

$$\left(L_{m} + 2R + \frac{2}{CD}\right)i_3 - \frac{1}{CD}i_2 - Ri_4 = 0 \quad (III)$$

· Malha (9):

$$\left(\begin{array}{c}
R+L\\
CD
\right)i_4-Li_2-Ri_3=0 \quad (\mathbb{V})$$

:1 eqit do sipolene ed.

⇒ Eq (II):
$$(M-m)\ddot{x}_2+b\dot{x}_2+3kx_2=b\dot{x}_1+k(x_1+x_3+x_4)$$

	→ E	Eq (N)	: 1	١×٢	+0	R X.	. =	bx.	, +	Rx.					
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