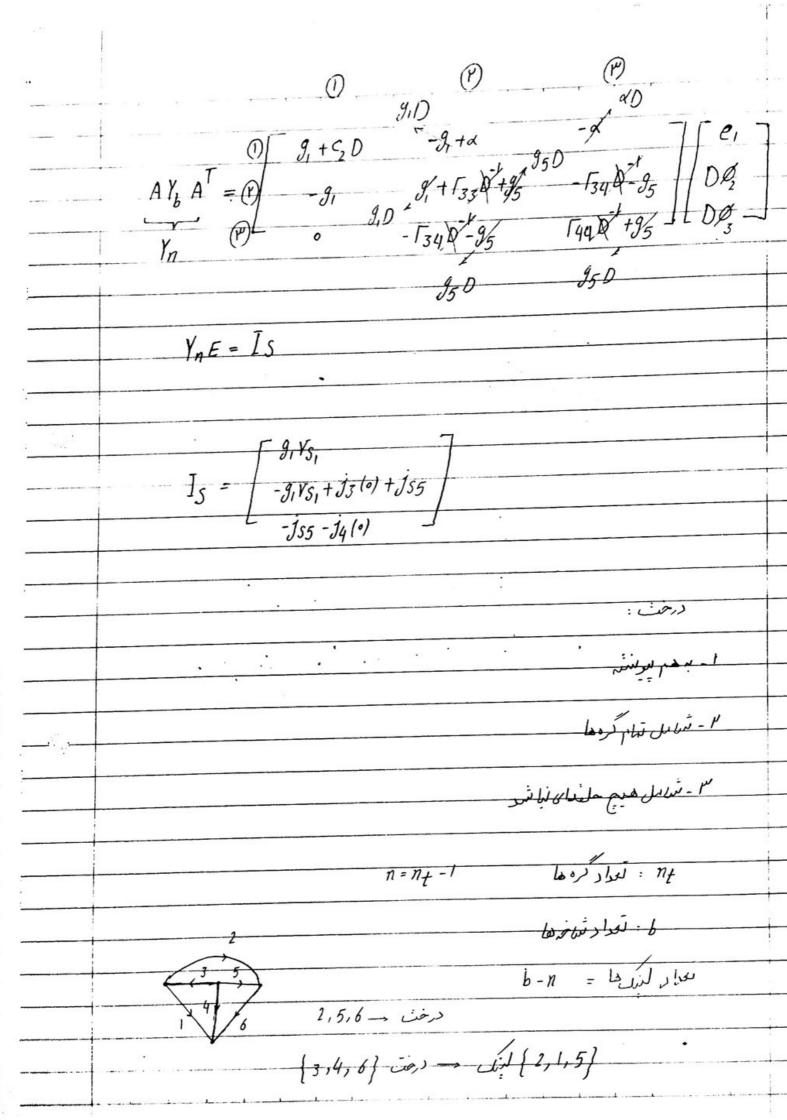
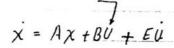
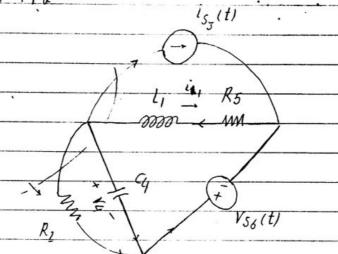
	(1) j <sub>2</sub>	V <sub>S</sub> ,	g, j,	2) 1 <sub>5</sub>		e, (o) = 1			
« V <sub>5</sub>	$\frac{1}{1}c_2$	. VIII.	95 ₹	+ V <sub>S</sub>	5			01	·) <sup>V</sup> S(·) <del>I JS 5 (•)]</del>
	$\frac{\int_{\overline{z}}}{J_1 = g, V_1}$	+ 9, Vs,	j <sub>4</sub> (3	$e_{i}$	=DØ,		3		0
	$z = c_2 v_2$ $= \int_{33}$		r) 1 T + d	(3(°)+  3	,,	V <sub>i</sub> .(T)d	7		
j4	= [34	). t v3 (1	T) ] T +						
	= J <sub>5</sub> V <sub>5</sub>	- J <sub>55</sub>							_O_
j <sub>1</sub> j <sub>2</sub> j <sub>3</sub> j <sub>4</sub>	=	9,	ς D • · · · · · · · · · · · · · · · · · ·	0 d		V <sub>1</sub> Y <sub>2</sub> Y <sub>3</sub> Y <sub>4</sub> ·	+	9, V.  j <sub>3</sub> (0	•)
j <sub>5</sub>		•	0 0	· 9 <sub>5</sub>		V <sub>5</sub>	1	-155	



تعسی لنم سے حالت موار	14.740
رنازها	
•	1
$ \begin{array}{c c} R & + li_2 \\ \hline R & + li_2 \\ \hline e_s & + li_2 \\ \hline \downarrow c V_2 \\ \hline c & + V_C \end{array} $	
$\frac{1}{1} CV_2$	-
c T - Vc	+
	+
$KCl: c\dot{v}_{c} = i_{L}$	
	-
$KVl: li_{l} = -V_{c} - Ri_{l} + \mathcal{L}_{S}$	+
Tion of Transfer	
$\begin{bmatrix} V_c \\ \vdots \end{bmatrix} = \begin{bmatrix} \vdots & \vdots \\ \frac{1}{L} & -\frac{R}{L} \end{bmatrix} \begin{bmatrix} V_c \\ i_L \end{bmatrix} + \begin{bmatrix} \vdots \\ L \end{bmatrix} \begin{bmatrix} e_s \end{bmatrix}$	
- L	
$\dot{\chi} = A\chi + B\mu$	
	-
درجت مامن برای در تعمین بعا دلان حالت	
١- تهيل تايمنا بع ولهر بانشو	
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Y = CX+DU + Fi



$$kcl: c_4 \dot{v_4} + i_1 + \frac{\dot{v_4}}{R_2} + i_{S_3} = 0$$

$$\begin{bmatrix}
i_1 \\
i_2
\end{bmatrix} = \begin{bmatrix}
-\frac{R_5}{L_1} \\
\frac{L_1}{L_1}
\end{bmatrix} \begin{bmatrix}
i_1 \\
\frac{L_1}{L_1}
\end{bmatrix} \begin{bmatrix}
i_5_3 \\
V_4
\end{bmatrix}$$

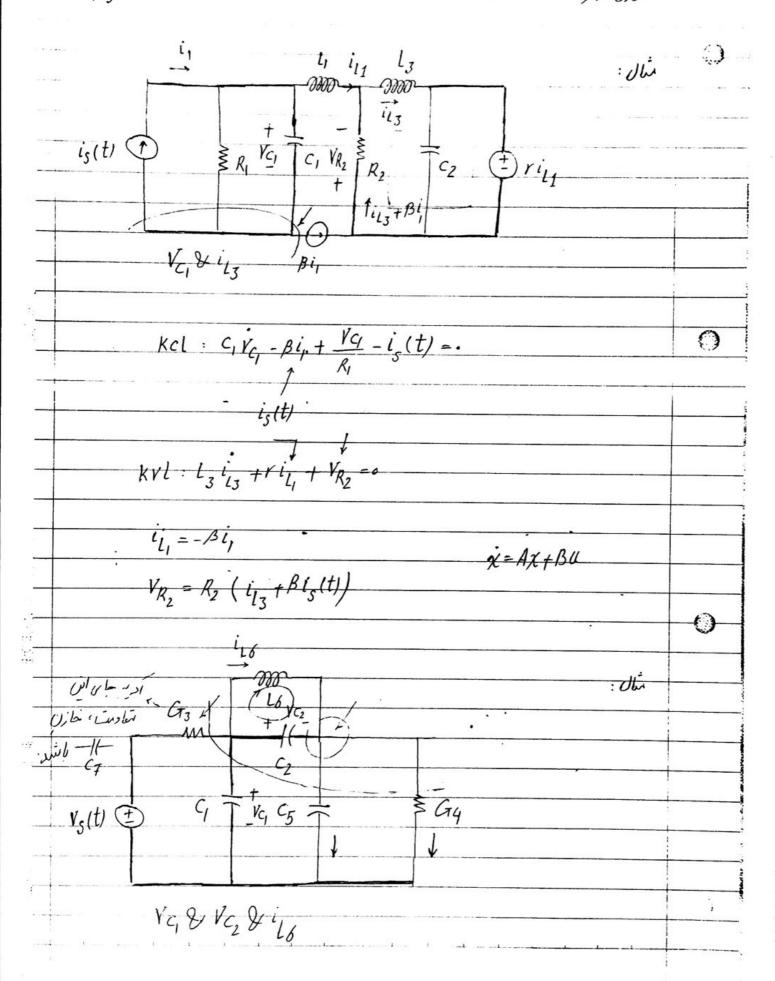
$$\begin{bmatrix}
i_1 \\
-\frac{L_1}{C_4}
\end{bmatrix} \begin{bmatrix}
i_5_3 \\
V_5_6
\end{bmatrix}$$

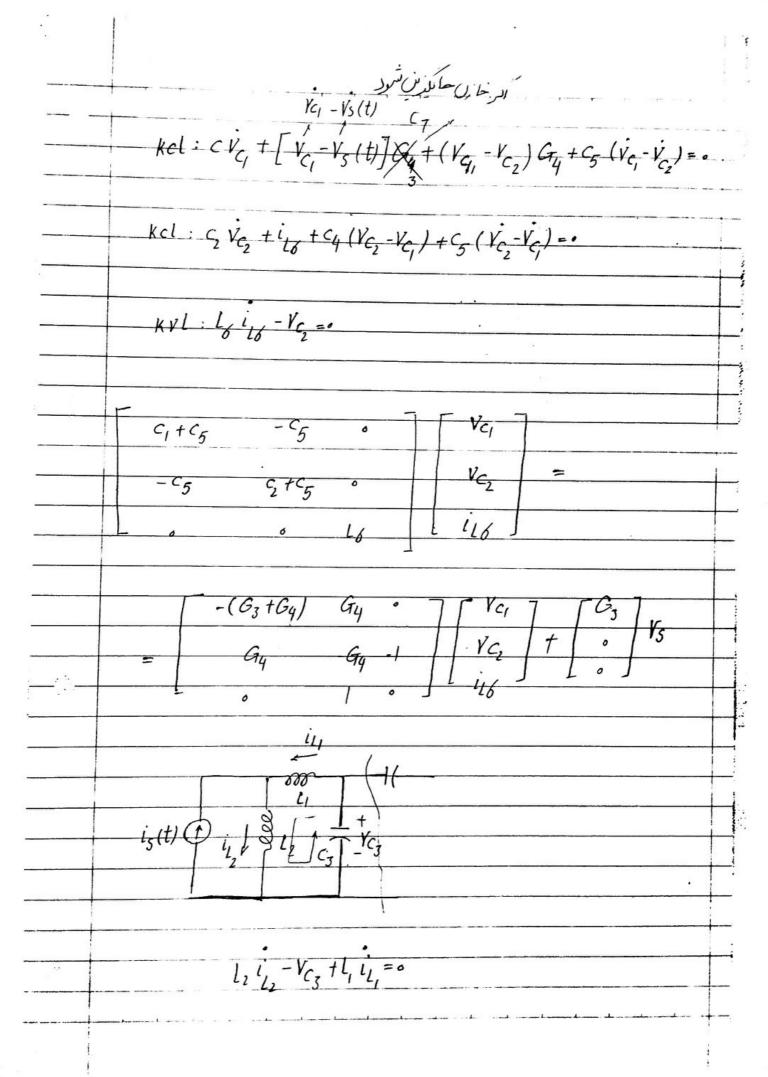
$$A \qquad B \qquad V$$

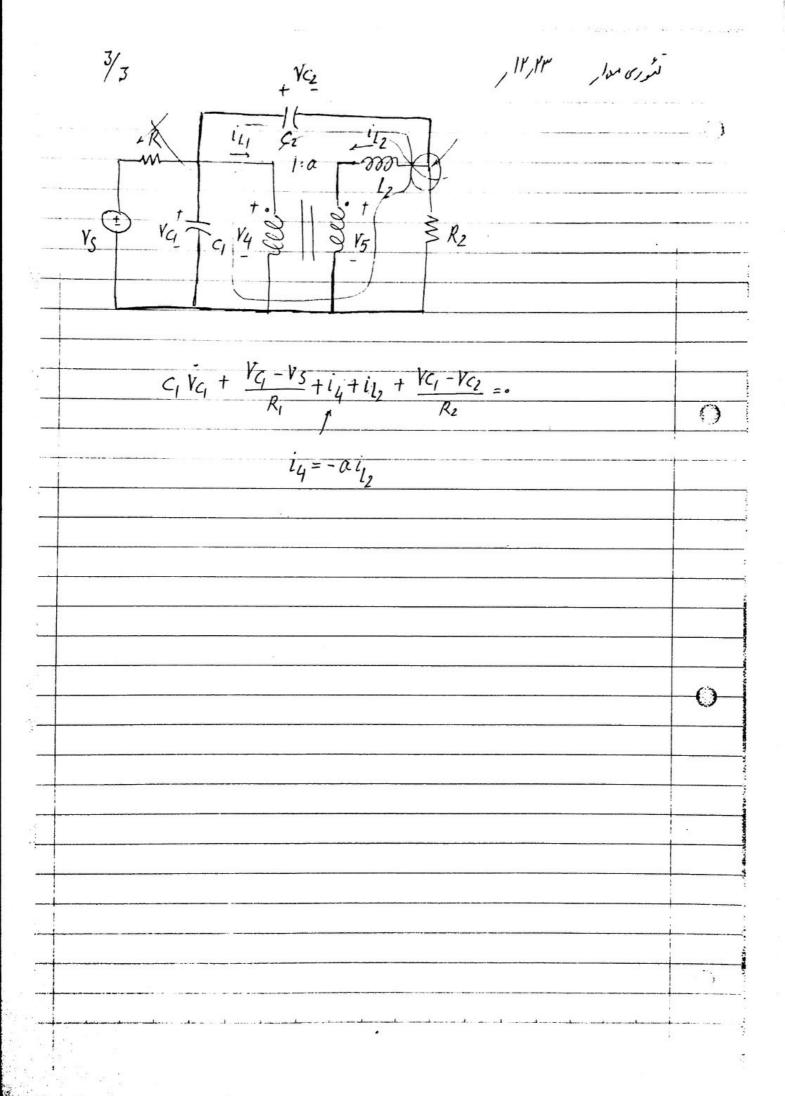
 $\beta(t) = L_i(t)$ 

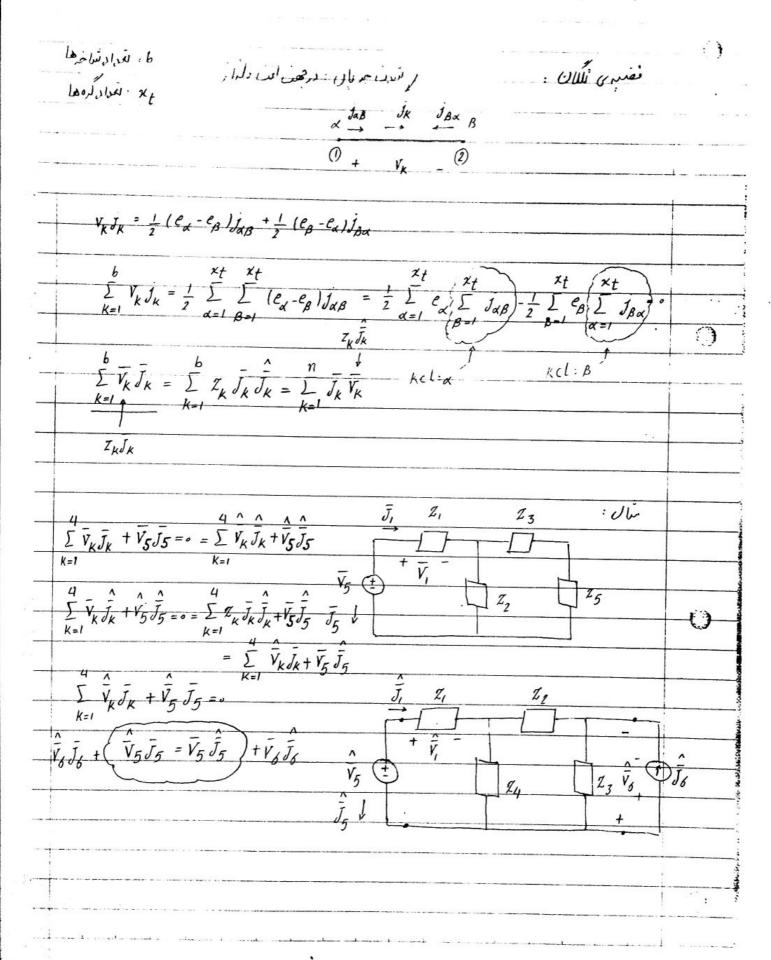
$$q_{y} = c_{y}v_{y}(t)$$
 $Kct: \dot{q}_{y} + \frac{q_{y}}{c_{y}l_{z}} + \frac{Q_{1}}{l_{1}} + \frac{is_{\delta}}{3} = 0$ 

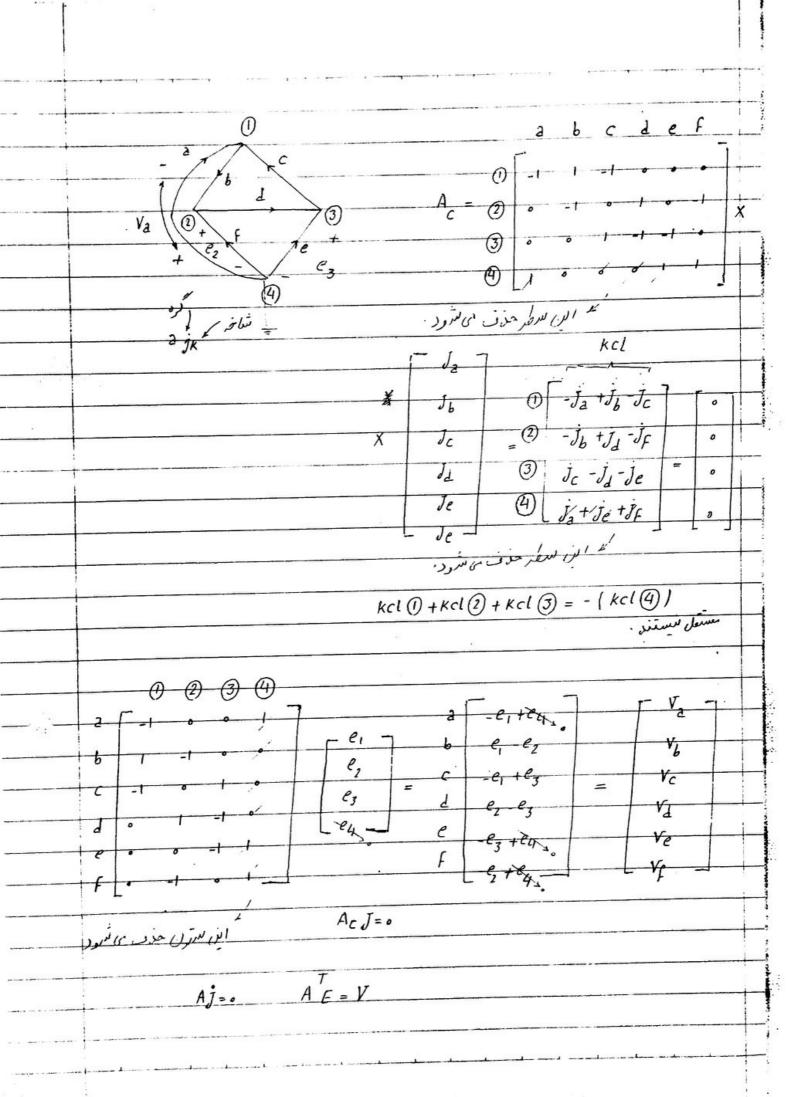
$KVL: \not Q_1 + \not Q_1 R_5 - V_{56} - \frac{q_4}{V_4} = 0$	
$\mathscr{D}(t) = \zeta(t)i_{1}(t) \qquad \qquad \mathcal{T}_{i_{1}} = c_{4}(t)V_{4}(t)$	- - -j.
$\Rightarrow \begin{bmatrix} \hat{Q}_1 \\ \hat{q} \end{bmatrix} = \begin{bmatrix} -\frac{R_5}{L_1(t)} & \frac{1}{C_4(t)} \end{bmatrix} \begin{bmatrix} \hat{Q}_1 \\ \frac{1}{L_1(t)} & \frac{1}{R_2(t)} \end{bmatrix} \begin{bmatrix} \hat{Q}_1 \\ \hat{q}_4 \end{bmatrix} + \begin{bmatrix} \hat{I} & \hat{I} \\ -1 & o \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} & \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} & \hat{I} \\ \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} \\ \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} \\ \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} \end{bmatrix} \begin{bmatrix} \hat{I} \\ \hat{I} \end{bmatrix} \begin{bmatrix}$	Commence from Comments
 $Kcl: I_{4} = c_{4}(t) V_{4}(t) + c_{4}(t) V_{4}(t)$	Action of the second
$\frac{\dot{g}_4 + \underline{V}_4}{R_2(t)} + \dot{\iota}_1 + \dot{\iota}_{53} = 0$	
$\phi_{i} = L_{i}(t)i_{i}(t) + L_{i}(t)i_{i}(t)$	
 p, + R5 1, - V56 - V4=0	
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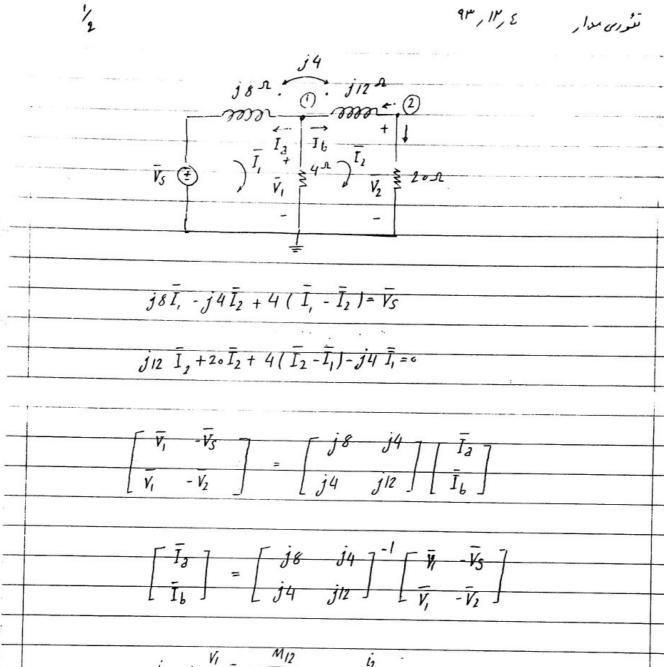




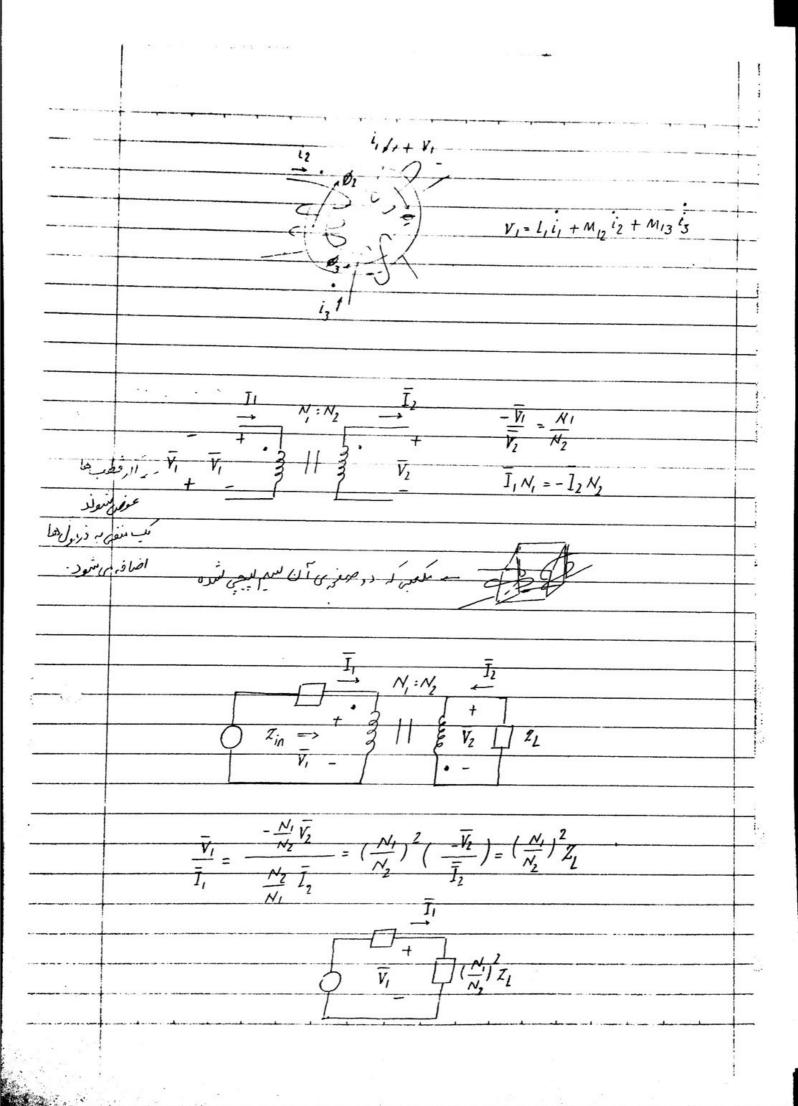




0



 $V_1 = L_1 i_1 - L_2 i_2 - M_{13} i_3$ 



$ \begin{array}{c c} 5. \Omega & 1400 \Omega \\ \hline MN & 0000 \end{array} $ $ \begin{array}{c c} \hline I_1 &  \dot{\bar{v}}_1 & 3 & N_1 = 2800 \\ \hline V_3 & 1\bar{I}_1 & 5\bar{I}_1 \end{array} $	
	0
$ \overline{V_2} = \overline{Z_L}  \overline{I_2} $ $ \overline{I_2} = 5  \overline{I_1} $ $ \overline{V_1} = 4  \overline{V_2} $	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	0
$\overline{V}_{2}$ $\stackrel{?}{=}$ $\stackrel{?}{V}_{4I}$ , $\stackrel{?}{=}$ $\stackrel{?}{V}_{th}$	A A
$Z_{L} = Z_{th} = \left( \frac{\overline{V_{th}}}{\overline{I_{th}}} \right)^{*}$	

