Chad Rate been

4w#80



$$l_2 - l_3 = 3 A$$
 0

$$\frac{191}{191} - \frac{199}{191} + \frac{10(1,-12)}{191} = \frac{199}{2}$$

such
$$10(1_2-1_1) + 801_2 + 51_3 = 0$$

-101, + $901_2 + 51_3 = 0$

$$\begin{bmatrix}
14 & -10 & 0 & 144 \\
0 & 1 & -1 & 3 \\
-10 & 90 & 5 & 0
\end{bmatrix}$$

$$\begin{bmatrix}
1_{1}=11 \\
1_{2}=1 \\
1_{3}=4
\end{bmatrix}$$

$$V_1 = 10(1,-12) = 10(11-1) = 100V$$

 $V_2 = 5 I_3 = 5(4) = 20V$

$$6l_2 \neq 3(l_2-l_3) + 1(l_2-l_1) = 0$$

$$-1_{1+1012} - 31_{3} = 0$$

$$\begin{pmatrix}
7 & -1 & -2 & 115 \\
-1 & 10 & -3 & 0 \\
-2 & -3 & 10 & -345
\end{pmatrix}$$

ursh

12

$$l_b = l_a^{-l_3}$$

$$l_b = 92-60 = -84$$

$$V = 53(-8) = -424V$$

73/3-30(185+30/3)=-37

Scanger of the Scanner CamScanner

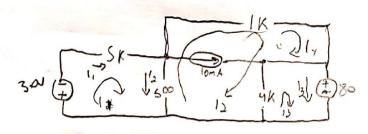
13=.5A

addup = 610 610w= Ga

W3

13





.010

$$\begin{array}{rl}
-500|_{11} + 5500|_{2} - 4000|_{3} = 0 \\
mol \\
13 & 4600(1_{3} - 1_{2}) + 80 = 0 \\
-4000|_{2} + 4000|_{3} = -80
\end{array}$$