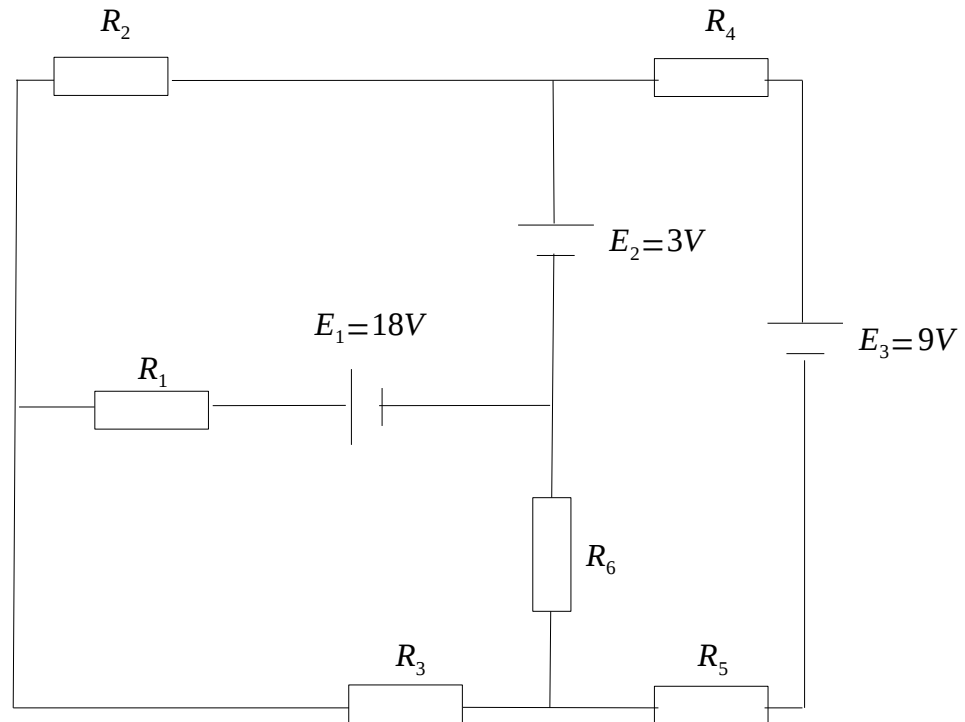
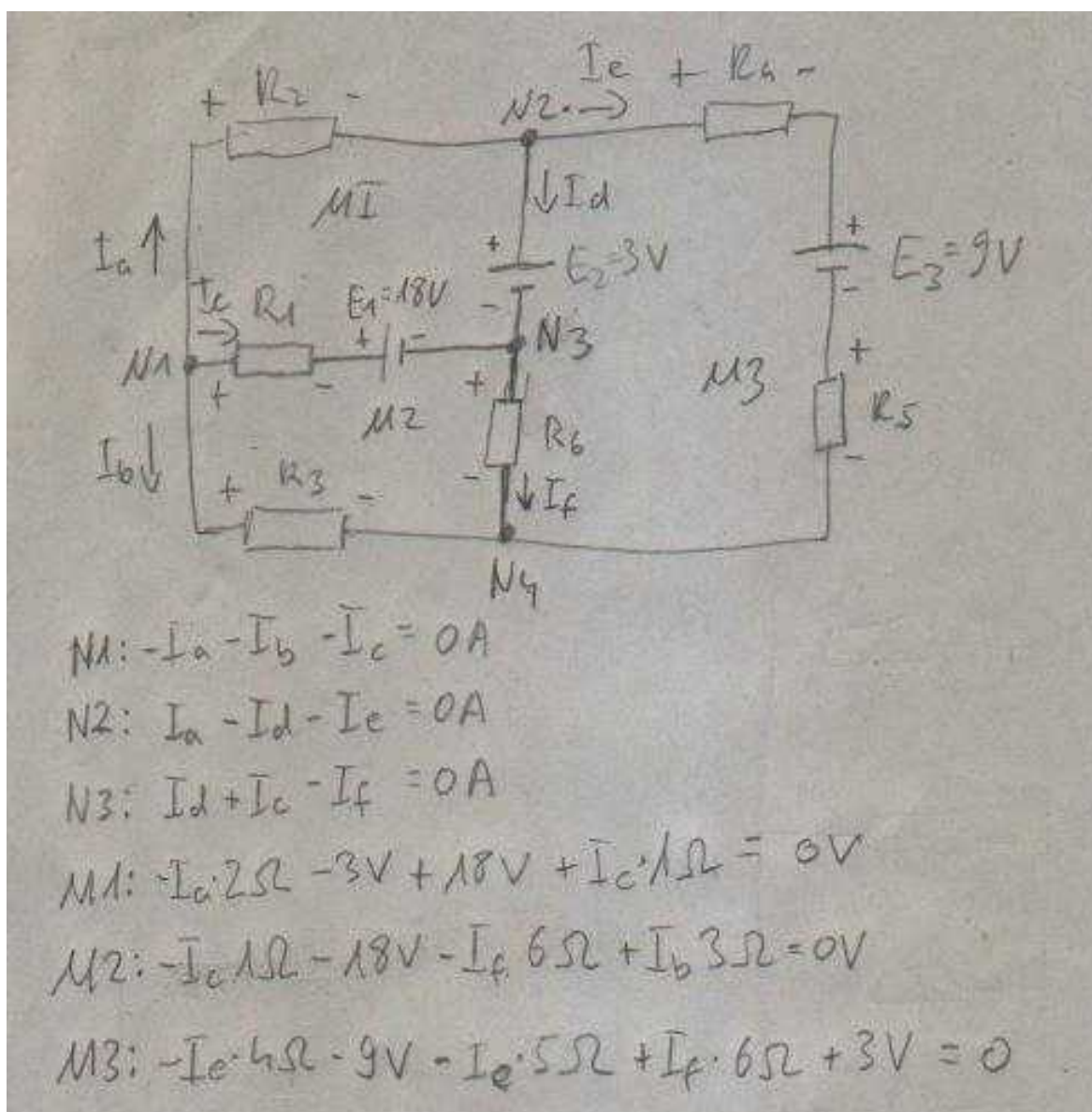


Treball autònom 4

Indica la matriu per a calcular els corrents I_a , I_b , I_c , I_d , I_e , I_f .

$$R_1=1\Omega \quad \dots \quad R_6=6\Omega$$





Ia	Ib	Ic	Id	Ie	If	
-1	-1	-1	0	0	0	0
1	0	0	-1	-1	0	0
0	0	1	1	0	-1	0
-2	0	1	0	0	0	-15
0	3	-1	0	0	-6	18
0	0	0	0	-9	6	6

$$\begin{aligned}
 I_a &= \frac{468}{109} \\
 I_b &= \frac{231}{109} \\
 I_c &= \frac{-699}{109} \\
 I_d &= \frac{604}{109} \\
 I_e &= \frac{-136}{109} \\
 I_f &= \frac{-95}{109}
 \end{aligned}$$