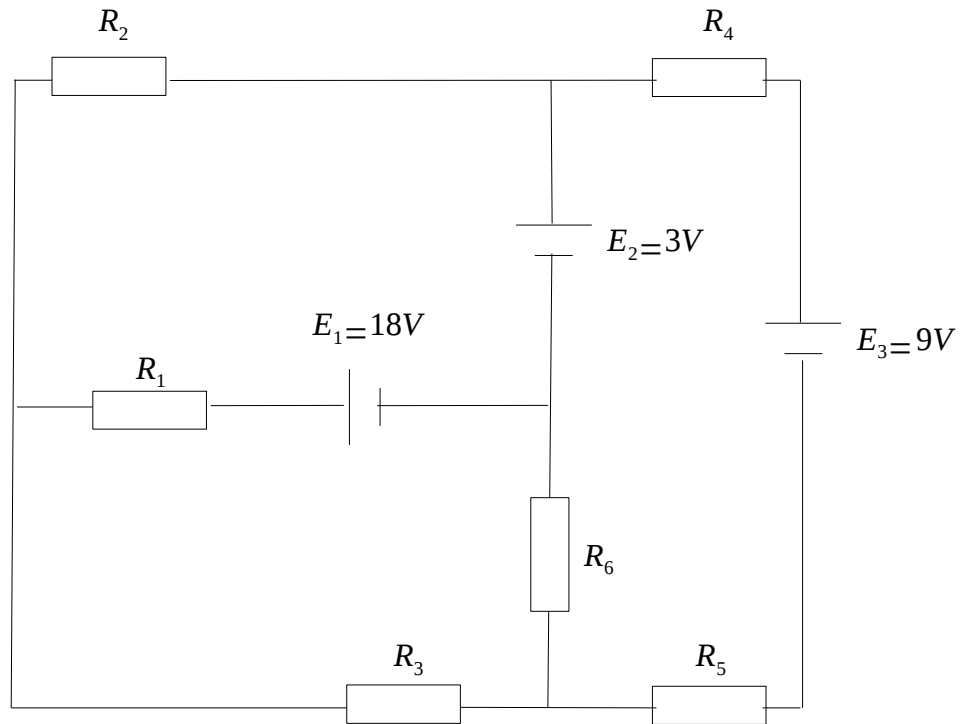
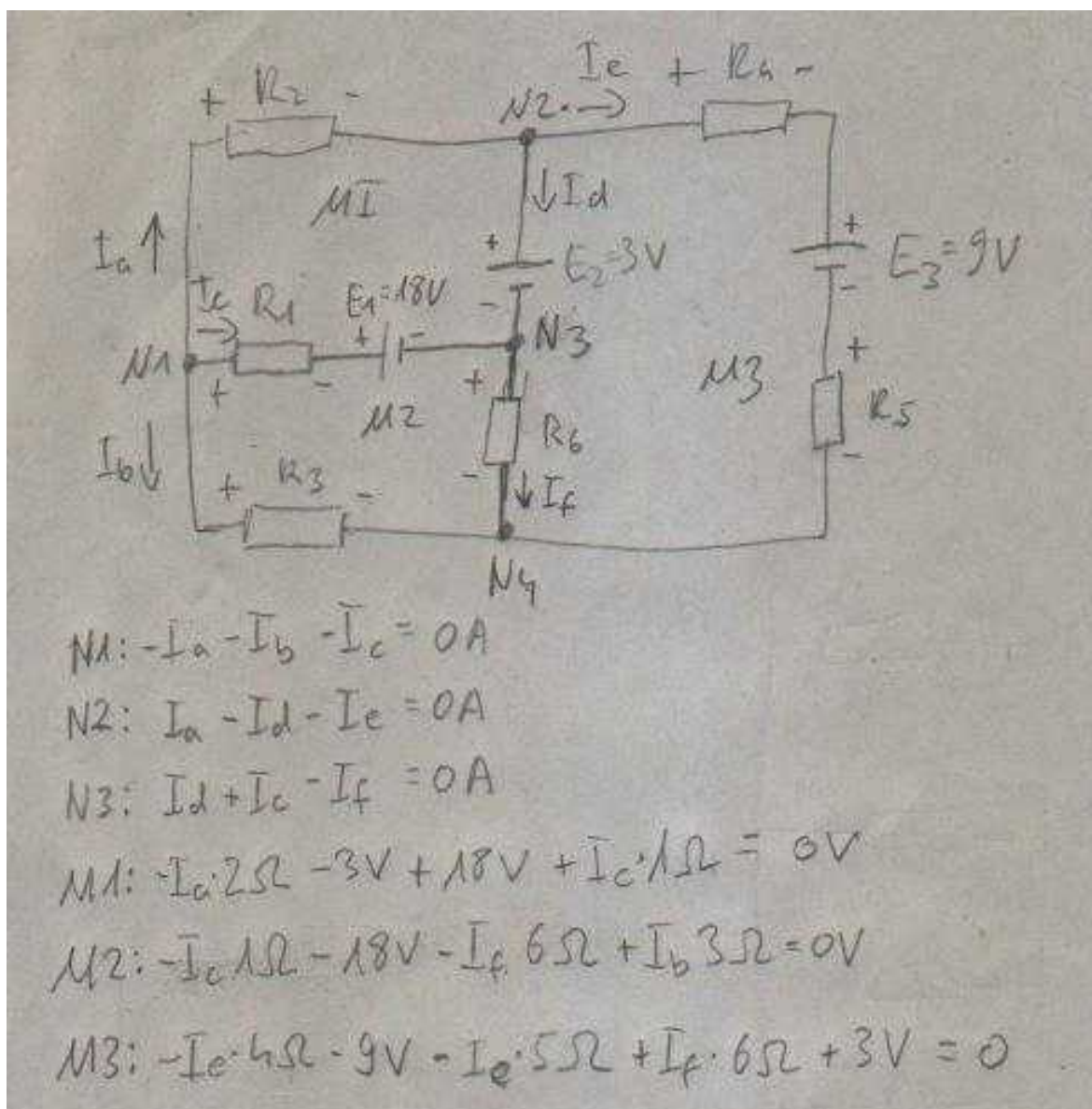


Treball autònom 4

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

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





I_a	I_b	I_c	I_d	I_e	I_f	
-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

$$\begin{aligned}
 I_a &= \frac{468}{109} = 4,29 \text{ A} \\
 I_b &= \frac{231}{109} = 2,1 \text{ A} \\
 I_c &= \frac{-699}{109} = -6,4 \text{ A} \\
 I_d &= \frac{604}{109} = 5,54 \text{ A} \\
 I_e &= \frac{-136}{109} = -1,25 \text{ A} \\
 I_f &= \frac{-95}{109} = -0,87 \text{ A}
 \end{aligned}$$