SALECx unos:

Obicna\_sema: [  
["V","E1",7,6,E1],  
["R","R3",7,8,R3],  
["R","R2",6,3,R2],  
["R","R1",7,4,R1],  
["I","I2",8,5,I2],  
["I","I1",4,3,I1],  
["R","R4",5,4,R4],  
["R","R5",3,1,R5],  
["V","E2",0,4,E2],  
["V","E3",2,5,E3],  
["R","R6",1,0,R6],  
["R","R7",2,0,R7]  
];

SymPyCAP unos:

[

["V","E1",7,6],  
["R","R3",7,8],  
["R","R2",6,3],  
["R","R1",7,4],  
["I","I2",8,5],  
["I","I1",4,3],  
["R","R4",5,4],  
["R","R5",3,1],  
["V","E2",0,4],  
["V","E3",2,5],  
["R","R6",1,0],  
["R","R7",2,0]

]

RESENJE:

V[1]=((I1\*R2-I2\*R1+I1\*R1-E2-E1)\*R6)/(R6+R5+R2+R1)

V[2]=((I2\*R4+E3-E2)\*R7)/(R7+R4)

V[3]=((I1\*R2-I2\*R1+I1\*R1-E2-E1)\*R6+(I1\*R2-I2\*R1+I1\*R1-E2-E1)\*R5)/(R6+R5+R2+R1)

V[4]=-E2

V[5]=((I2\*R4-E2)\*R7-E3\*R4)/(R7+R4)

V[6]=((-I2\*R1+I1\*R1-E2-E1)\*R6+(-I2\*R1+I1\*R1-E2-E1)\*R5+(-I2\*R1-E2-E1)\*R2)/(R6+R5+R2+R1)

V[7]=((-I2\*R1+I1\*R1-E2)\*R6+(-I2\*R1+I1\*R1-E2)\*R5+(-I2\*R1-E2)\*R2+E1\*R1)/(R6+R5+R2+R1)

V[8]=((-I2\*R3-I2\*R1+I1\*R1-E2)\*R6+(-I2\*R3-I2\*R1+I1\*R1-E2)\*R5+R2\*(-I2\*R3-I2\*R1-E2)+R1\*(E1-I2\*R3))/(R6+R5+R2+R1)

I["E3"]=-(I2\*R4+E3-E2)/(R7+R4)

I["E2"]=((I1\*R2-I2\*R1+I1\*R1-E2-E1)\*R7+(I2\*R4+E3-E2)\*R6+(I2\*R4+E3-E2)\*R5+R2\*(I2\*R4+I1\*R4+E3-E2)+I1\*R1\*R4+(-E2-E1)\*R4+(E3-E2)\*R1)/(R6\*(R7+R4)+R5\*(R7+R4)+(R2+R1)\*R7+R2\*R4+R1\*R4)((I1\*R2-I2\*R1+I1\*R1-E2-E1)\*R7+(I2\*R4+E3-E2)\*R6+(I2\*R4+E3-E2)\*R5+R2\*(I2\*R4+I1\*R4+E3-E2)+I1\*R1\*R4+(-E2-E1)\*R4+(E3-E2)\*R1)/(R6\*(R7+R4)+R5\*(R7+R4)+(R2+R1)\*R7+R2\*R4+R1\*R4)

I["E1"]=-(I1\*R6+I1\*R5+I2\*R1+E2+E1)/(R6+R5+R2+R1)