

The matrix A is

0.583300	-0.333300	-0.250000
0.000000	1.285751	-0.285751
0.000000	0.000000	0.422244

The matrix B is

-11.000000
-3.285445
19.555273

The unknown voltages are

The value of V 3 is 46.312683
The value of V 2 is 7.737463
The value of V 1 is 5.412425