

Eliminacao de Gauss:

Iteração k=1

45.0000	3.0000	-14.0000	1.0000	-7.0000	8.0000	12.0000
0	2.2000	-36.9333	5.0667	6.5333	-0.4667	-1.2000
0	3.7333	14.2444	-1.0889	1.6222	-2.7111	-1.0667
0	-5.3333	-4.4444	17.8889	2.7778	0.1111	-4.3333
0	1.7333	-7.4222	23.2444	-6.7111	12.9556	25.9333
0	17.6667	-18.7778	9.5556	5.1111	-10.5556	-5.3333

Iteração k=2

45.0000	3.0000	-14.0000	1.0000	-7.0000	8.0000	12.0000
0	17.6667	-18.7778	9.5556	5.1111	-10.5556	-5.3333
0	0	18.2126	-3.1082	0.5421	-0.4805	0.0604
0	0.0000	-10.1132	20.7736	4.3208	-3.0755	-5.9434
0	0	-5.5799	22.3069	-7.2126	13.9912	26.4566
0	0	-34.5950	3.8767	5.8969	0.8478	-0.5358

Iteração k=3

45.0000	3.0000	-14.0000	1.0000	-7.0000	8.0000	12.0000
0	17.6667	-18.7778	9.5556	5.1111	-10.5556	-5.3333
0	0	-34.5950	3.8767	5.8969	0.8478	-0.5358
0	0.0000	0	19.6403	2.5969	-3.3233	-5.7868
0	0	0	21.6816	-8.1637	13.8545	26.5430
0	0	0	-1.0673	3.6465	-0.0342	-0.2217

Iteração k=4

45.0000	3.0000	-14.0000	1.0000	-7.0000	8.0000	12.0000
0	17.6667	-18.7778	9.5556	5.1111	-10.5556	-5.3333
0	0	-34.5950	3.8767	5.8969	0.8478	-0.5358
0	0	0	21.6816	-8.1637	13.8545	26.5430
0	0.0000	0	0	9.9920	-15.8734	-29.8307
0	0	0	0	3.2447	0.6478	1.0848

Iteração k=5

45.0000	3.0000	-14.0000	1.0000	-7.0000	8.0000	12.0000
0	17.6667	-18.7778	9.5556	5.1111	-10.5556	-5.3333
0	0	-34.5950	3.8767	5.8969	0.8478	-0.5358
0	0	0	21.6816	-8.1637	13.8545	26.5430
0	0.0000	0	0	9.9920	-15.8734	-29.8307
0	0	0	0	-0.0000	5.8023	10.7718

Fatoracao LU:

L:

45.0000	0	0	0	0	0
-3.0000	2.2000	0	0	0	0
4.0000	3.7333	76.9192	0	0	0
5.0000	-5.3333	-93.9798	18.3363	0	0
-11.0000	1.7333	21.6768	21.9824	-17.6459	0
-25.0000	17.6667	277.8081	3.8546	-14.6527	-14.0314

U:

1.0000	0.0667	-0.3111	0.0222	-0.1556	0.1778
0	1.0000	-16.7879	2.3030	2.9697	-0.2121
0	0	1.0000	-0.1259	-0.1230	-0.0250
0	0	0	1.0000	0.3846	-0.1835

0	0	0	0	1.0000	-1.0143
0	0	0	0	0	1.0000

Raizes Gauss:

-0.109380
0.865812
0.057520
0.024290
-0.036294
1.856450

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-0.109380
0.865812
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-0.036294
1.856450

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