

An Interior Point Method solving problem: cb3
Problem dimensions: n_x = 3; m = 3
n_s = 3; m_e = 0

Parameters: factor 1.0e-01
mu0 1.0e+00
maxbar 10
Step lengths Separate

Objective 1.00000000e+00
Barrier 5.60517019e+00
||c||_2 1.90525589e+01

k_ext	k_int	f	<u>fbarrera</u>	W	c	mu
1	1	1.76922135e+00	4.99515089e+00	6.20e+00	4.46e+01	1.00e+00
1	2	4.38227077e+01	3.36856859e+01	1.14e+02	1.12e+03	1.00e+00
1	3	4.65562751e+00	-4.58196552e+00	7.49e+02	8.91e+02	1.00e+00
1	4	-3.58197678e+01	-3.91644561e+01	5.16e+02	5.99e+02	1.00e+00
1	5	3.34893900e+01	2.81232023e+01	1.89e+02	1.86e+02	1.00e+00
1	6	1.92565411e+01	1.91677650e+01	1.17e+02	1.19e+02	1.00e+00
1	7	2.29525092e+01	1.69557704e+01	4.35e+01	3.78e+01	1.00e+00
1	8	-1.36870507e+00	-1.80150164e+00	1.63e+01	3.10e+01	1.00e+00
1	9	3.15511633e+00	3.80317850e+00	6.71e+00	8.13e+00	1.00e+00
1	10	6.34678767e+00	1.04880245e+00	8.82e+00	1.41e+01	1.00e+00
1	11	5.47479303e+00	3.81258318e+00	3.45e+00	2.14e+00	1.00e+00
1	12	4.30997305e+00	3.55020743e-01	1.61e+00	2.14e+00	1.00e+00
1	13	4.99607064e+00	1.61160198e+00	2.11e-01	1.08e-01	1.00e+00
1	14	4.90005943e+00	1.62434664e+00	2.69e-02	2.63e-02	1.00e+00
1	15	4.95576880e+00	1.63436949e+00	9.35e-04	1.86e-04	1.00e+00
1	16	4.95642526e+00	1.63445439e+00	3.53e-06	1.81e-07	1.00e+00
2	1	2.28193687e+00	2.71486660e+00	7.73e-02	7.24e-03	1.00e-01
2	2	2.30921433e+00	2.63689831e+00	1.32e-02	6.15e-03	1.00e-01
2	3	2.29449171e+00	2.64182811e+00	1.32e-03	9.53e-05	1.00e-01
2	4	2.29469894e+00	2.64185267e+00	1.33e-05	3.46e-06	1.00e-01
2	5	2.29468941e+00	2.64185552e+00	5.00e-08	3.00e-10	1.00e-01
3	1	2.03052789e+00	2.13501045e+00	1.01e-02	1.90e-03	1.00e-02
3	2	2.03146357e+00	2.13226904e+00	1.67e-03	5.16e-04	1.00e-02
3	3	2.02995658e+00	2.13247763e+00	1.29e-04	1.27e-05	1.00e-02
3	4	2.02985212e+00	2.13248504e+00	1.59e-06	1.02e-07	1.00e-02
4	1	2.00309906e+00	2.02010850e+00	3.81e-04	1.31e-04	1.00e-03
4	2	2.00301688e+00	2.02014088e+00	1.77e-05	1.31e-06	1.00e-03
4	3	2.00299828e+00	2.02014156e+00	7.57e-08	2.35e-09	1.00e-03
5	1	2.00030149e+00	2.00270348e+00	5.05e-06	1.93e-06	1.00e-04
6	1	2.00003033e+00	2.00033955e+00	5.77e-07	2.44e-08	1.00e-05
7	1	2.00000300e+00	2.00004086e+00	6.47e-09	2.56e-10	1.00e-06
8	1	2.00000030e+00	2.00000478e+00	6.22e-11	2.08e-12	1.00e-07
9	1	2.00000003e+00	2.00000055e+00	5.64e-13	2.00e-14	1.00e-08