

Resultados BRKGA-MP para o problema P3 com busca local

Tabela 1: Resultados associados as instâncias ($P3$) com busca local

Instâncias	s_B^*	$t_{x_B^*}$	s^*	$gap_{s_B^*} \%$
nlkp.c_10_0	402.162	84.27	402.2202	-0.01
nlkp.c_10_1	209.875	104.40	209.8753	0.00
nlkp.c_10_2	185.176	96.60	183.4239	0.96
nlkp.c_10_3	344.335	114.49	343.6149	0.21
nlkp.c_10_4	305.712	59.05	304.6073	0.36
nlkp.c_10_5	226.603	28.36	209.1627	8.34
nlkp.c_10_6	251.015	110.95	251.0318	-0.01
nlkp.c_10_7	236.584	115.27	233.8616	1.16
nlkp.c_10_8	514.109	73.54	514.0362	0.01
nlkp.c_10_9	351.997	105.89	352.0170	-0.01
nlkp.c_10_10	274.823	101.19	274.8232	0.00
nlkp.c_10_11	270.100	107.14	270.0996	0.00
nlkp.c_10_12	155.677	64.44	155.5396	0.09
nlkp.c_10_13	342.289	66.31	327.8879	4.39
nlkp.c_10_14	179.551	118.98	178.4363	0.62
nlkp.c_10_15	210.283	113.88	210.3286	-0.02
nlkp.c_10_16	351.832	110.51	351.8345	0.00
nlkp.c_10_17	352.336	99.37	352.2941	0.01
nlkp.c_10_18	329.363	114.12	325.7574	1.11
nlkp.c_10_19	285.148	115.31	270.3795	5.46
nlkp.c_20_0	616.773	103.57	617.8092	-0.17
nlkp.c_20_1	531.774	84.73	531.7482	0.00
nlkp.c_20_2	549.301	118.41	538.3226	2.04
nlkp.c_20_3	511.890	119.30	500.3686	2.30
nlkp.c_20_4	866.085	95.33	865.6059	0.06
nlkp.c_20_5	561.204	114.53	549.6902	2.09
nlkp.c_20_6	533.736	108.99	533.5995	0.03
nlkp.c_20_7	397.498	114.38	397.5410	-0.01
nlkp.c_20_8	707.345	119.54	705.2144	0.30
nlkp.c_20_9	652.874	112.56	646.5639	0.98
nlkp.c_20_10	718.885	108.92	718.9515	-0.01
nlkp.c_20_11	734.742	116.51	734.7467	0.00
nlkp.c_20_12	749.140	115.32	749.2873	-0.02
nlkp.c_20_13	715.945	109.25	715.8681	0.01
nlkp.c_20_14	621.966	100.68	610.0587	1.95
nlkp.c_20_15	778.261	115.65	759.0671	2.53
nlkp.c_20_16	701.659	119.24	701.2847	0.05
nlkp.c_20_17	772.887	80.08	760.8037	1.59
nlkp.c_20_18	458.766	118.58	456.6903	0.45
nlkp.c_20_19	979.527	112.74	975.6229	0.40
nlkp.c_50_0	1510.130	112.98	1510.4634	-0.02
nlkp.c_50_1	1619.690	105.23	1619.8893	-0.01

nlkp.c_50_2	1282.050	112.47	1282.1285	-0.01
nlkp.c_50_3	1616.280	111.19	1616.5153	-0.01
nlkp.c_50_4	1945.280	117.84	1945.5600	-0.01
nlkp.c_50_5	1627.330	101.20	1626.6654	0.04
nlkp.c_50_6	1876.350	117.28	1875.7974	0.03
nlkp.c_50_7	1933.140	106.43	1932.7623	0.02
nlkp.c_50_8	1524.780	117.72	1524.9307	-0.01
nlkp.c_50_9	1648.090	115.81	1647.4802	0.04
nlkp.c_50_10	1692.360	118.44	1691.6299	0.04
nlkp.c_50_11	1615.280	111.97	1614.9931	0.02
nlkp.c_50_12	1728.670	110.84	1729.3467	-0.04
nlkp.c_50_13	1637.250	120.00	1637.4076	-0.01
nlkp.c_50_14	1655.070	119.43	1653.5315	0.09
nlkp.c_50_15	1617.770	81.75	1618.0473	-0.02
nlkp.c_50_16	2075.950	111.44	2072.5273	0.17
nlkp.c_50_17	1643.750	118.79	1642.7055	0.06
nlkp.c_50_18	1791.120	117.25	1792.4743	-0.08
nlkp.c_50_19	1764.780	113.37	1765.4920	-0.04
nlkp.c_100_0	3134.070	119.45	3137.8804	-0.12
nlkp.c_100_1	2903.030	119.50	2902.2591	0.03
nlkp.c_100_2	3578.500	118.72	3578.5630	0.00
nlkp.c_100_3	3823.570	119.47	3824.7209	-0.03
nlkp.c_100_4	3183.550	115.74	3184.3089	-0.02
nlkp.c_100_5	3306.030	112.14	3304.3057	0.05
nlkp.c_100_6	3370.770	111.41	3372.6291	-0.06
nlkp.c_100_7	3287.240	114.02	3289.1995	-0.06
nlkp.c_100_8	3772.640	98.02	3772.9906	-0.01
nlkp.c_100_9	3576.070	106.21	3579.6102	-0.10
nlkp.c_100_10	3140.980	115.79	3142.6757	-0.05
nlkp.c_100_11	3234.140	101.24	3229.6682	0.14
nlkp.c_100_12	3655.950	117.62	3657.4407	-0.04
nlkp.c_100_13	3778.560	114.85	3780.8953	-0.06
nlkp.c_100_14	3743.570	105.93	3746.7864	-0.09
nlkp.c_100_15	3399.760	113.59	3402.8803	-0.09
nlkp.c_100_16	3298.490	103.67	3299.7005	-0.04
nlkp.c_100_17	3205.200	119.84	3203.0870	0.07
nlkp.c_100_18	2738.010	96.55	2739.6659	-0.06
nlkp.c_100_19	3621.480	97.11	3619.1315	0.06
nlkp.c_200_0	6106.890	98.23	6100.0986	0.11
nlkp.c_200_1	7412.350	115.67	7396.7228	0.21
nlkp.c_200_2	6505.100	119.34	6505.6267	-0.01
nlkp.c_200_3	6658.270	99.52	6650.7362	0.11
nlkp.c_200_4	7350.180	115.64	7340.7465	0.13
nlkp.c_200_5	6374.370	108.34	6361.5387	0.20
nlkp.c_200_6	7433.770	115.06	7438.1294	-0.06
nlkp.c_200_7	7162.740	94.20	7138.3545	0.34
nlkp.c_200_8	6502.840	114.22	6494.3381	0.13

nlkp.c_200_9	6360.210	115.47	6358.7926	0.02
nlkp.c_200_10	6982.690	116.25	6979.5877	0.04
nlkp.c_200_11	6858.640	109.71	6856.9903	0.02
nlkp.c_200_12	7591.340	103.65	7592.0944	-0.01
nlkp.c_200_13	7499.840	118.96	7484.0336	0.21
nlkp.c_200_14	7402.320	116.04	7399.4426	0.04
nlkp.c_200_15	7046.840	105.72	7032.4306	0.20
nlkp.c_200_16	7047.520	114.99	7041.5838	0.08
nlkp.c_200_17	6763.150	117.80	6738.0047	0.37
nlkp.c_200_18	6217.830	111.63	6208.0423	0.16
nlkp.c_200_19	7005.630	113.75	7004.4276	0.02
nlkp.c_500_0	16662.500	119.92	16653.8336	0.05
nlkp.c_500_1	17289.900	119.04	17281.5816	0.05
nlkp.c_500_2	17540.700	89.34	17492.5416	0.28
nlkp.c_500_3	16249.100	119.66	16215.1138	0.21
nlkp.c_500_4	17635.800	113.98	17639.3904	-0.02
nlkp.c_500_5	18709.700	117.73	18672.7021	0.20
nlkp.c_500_6	17264.700	116.96	17275.0635	-0.06
nlkp.c_500_7	16835.400	119.78	16811.5260	0.14
nlkp.c_500_8	16728.200	114.52	16744.8235	-0.10
nlkp.c_500_9	16532.000	118.07	16518.0643	0.08
nlkp.c_500_10	18298.200	119.44	18243.2094	0.30
nlkp.c_500_11	17072.300	113.84	17020.8030	0.30
nlkp.c_500_12	17921.800	117.29	17903.7868	0.10
nlkp.c_500_13	17598.100	113.69	17534.9712	0.36
nlkp.c_500_14	16875.500	112.39	16852.9630	0.13
nlkp.c_500_15	17175.000	116.70	17114.7797	0.35
nlkp.c_500_16	16991.800	117.55	16960.0247	0.19
nlkp.c_500_17	16875.800	119.08	16833.5699	0.25
nlkp.c_500_18	16670.600	108.79	16659.2730	0.07
nlkp.c_500_19	17349.400	117.37	17335.5706	0.08
nlkp.c_1000_0	33849.200	105.84	33894.5672	-0.13
nlkp.c_1000_1	33684.400	109.89	33732.5160	-0.14
nlkp.c_1000_2	36281.300	115.76	36266.1302	0.04
nlkp.c_1000_3	33999.800	88.19	34046.8873	-0.14
nlkp.c_1000_4	33141.500	119.42	33274.2341	-0.40
nlkp.c_1000_5	35277.300	88.89	35257.1205	0.06
nlkp.c_1000_6	35419.100	119.93	35433.4635	-0.04
nlkp.c_1000_7	33954.400	102.84	33959.8418	-0.02
nlkp.c_1000_8	33764.000	119.11	33741.4787	0.07
nlkp.c_1000_9	33887.000	118.49	33937.2061	-0.15
nlkp.c_1000_10	33321.100	118.11	33366.0010	-0.13
nlkp.c_1000_11	34283.400	105.92	34261.0948	0.07
nlkp.c_1000_12	34560.700	118.07	34585.8211	-0.07
nlkp.c_1000_13	32598.500	120.08	32711.1551	-0.34
nlkp.c_1000_14	34619.900	104.70	34625.3900	-0.02
nlkp.c_1000_15	35528.300	110.10	35543.7500	-0.04

nlkp.c_1000_16	32366.800	119.31	32412.5253	-0.14
nlkp.c_1000_17	36249.600	115.42	36271.4223	-0.06
nlkp.c_1000_18	34172.700	89.84	34148.2623	0.07
nlkp.c_1000_19	33626.700	119.42	33593.9317	0.10
nlkp.c_2500_0	83522.100	119.60	85099.1098	-1.85
nlkp.c_2500_1	84486.600	119.42	85909.8618	-1.66
nlkp.c_2500_2	86088.400	120.33	87527.6533	-1.64
nlkp.c_2500_3	83380.800	120.30	84747.0241	-1.61
nlkp.c_2500_4	83850.000	120.30	85203.1111	-1.59
nlkp.c_2500_5	82732.000	116.77	84251.8894	-1.80
nlkp.c_2500_6	85254.600	119.60	86584.0387	-1.54
nlkp.c_2500_7	83800.500	120.29	85107.4907	-1.54
nlkp.c_2500_8	85205.100	119.56	86848.4444	-1.89
nlkp.c_2500_9	82769.000	116.69	84399.2016	-1.93
nlkp.c_2500_10	83367.100	120.12	84864.5620	-1.76
nlkp.c_2500_11	82745.600	117.46	84294.9090	-1.84
nlkp.c_2500_12	86611.200	118.01	87943.5247	-1.51
nlkp.c_2500_13	84494.900	116.88	86161.4419	-1.93
nlkp.c_2500_14	81742.700	120.22	83220.5886	-1.78
nlkp.c_2500_15	84635.500	118.87	86124.3737	-1.73
nlkp.c_2500_16	82696.800	116.77	84178.1527	-1.76
nlkp.c_2500_17	84880.800	118.49	86531.6251	-1.91
nlkp.c_2500_18	82608.300	119.19	84071.5938	-1.74
nlkp.c_2500_19	80000.500	120.00	81653.2548	-2.02