

Resultados BRKGA-MP para o problema P2 com busca local

Tabela 1: Resultados associados as instâncias ($P2$) com busca local

Instâncias	s_B^*	$t_{x_B^*}$	s^*	$gap_{s_B^*} \%$
nlkp.i.10.0	377.013	0.43	376.6214	0.10
nlkp.i.10.1	259.338	0.57	259.3356	0.00
nlkp.i.10.2	247.162	0.32	239.2010	3.33
nlkp.i.10.3	139.364	0.43	134.1654	3.87
nlkp.i.10.4	321.699	0.45	299.0875	7.56
nlkp.i.10.5	311.105	0.60	288.5838	7.80
nlkp.i.10.6	214.689	3.02	200.5397	7.06
nlkp.i.10.7	357.158	0.88	329.1173	8.52
nlkp.i.10.8	392.432	9.16	392.4323	0.00
nlkp.i.10.9	296.024	100.94	296.0231	0.00
nlkp.i.10.10	366.843	0.48	366.8054	0.01
nlkp.i.10.11	434.117	0.35	434.1167	0.00
nlkp.i.10.12	176.204	2.62	176.2043	0.00
nlkp.i.10.13	459.993	0.57	463.2403	-0.70
nlkp.i.10.14	256.455	0.49	256.4550	0.00
nlkp.i.10.15	366.442	0.93	331.5076	10.54
nlkp.i.10.16	286.631	0.47	286.6313	0.00
nlkp.i.10.17	297.997	0.98	297.9797	0.01
nlkp.i.10.18	366.369	110.46	353.3986	3.67
nlkp.i.10.19	248.426	0.39	248.3639	0.03
nlkp.i.20.0	633.579	0.80	632.3483	0.19
nlkp.i.20.1	543.457	92.49	537.3559	1.14
nlkp.i.20.2	644.840	68.36	644.8252	0.00
nlkp.i.20.3	580.801	46.22	573.3470	1.30
nlkp.i.20.4	647.776	0.80	647.2763	0.08
nlkp.i.20.5	786.345	0.77	751.2048	4.68
nlkp.i.20.6	509.863	115.30	503.1943	1.33
nlkp.i.20.7	634.489	1.01	633.7578	0.12
nlkp.i.20.8	586.197	10.86	585.6383	0.10
nlkp.i.20.9	664.243	0.89	656.4368	1.19
nlkp.i.20.10	598.954	60.87	598.9186	0.01
nlkp.i.20.11	564.192	0.93	563.8492	0.06
nlkp.i.20.12	545.918	61.31	545.9260	0.00
nlkp.i.20.13	442.216	0.96	441.9057	0.07
nlkp.i.20.14	520.950	1.88	510.4635	2.05
nlkp.i.20.15	531.800	0.84	531.7278	0.01
nlkp.i.20.16	792.843	99.68	786.4513	0.81
nlkp.i.20.17	616.738	110.94	611.4322	0.87
nlkp.i.20.18	626.869	1.38	628.3209	-0.23
nlkp.i.20.19	647.994	0.75	627.3750	3.29
nlkp.i.50.0	1507.100	47.30	1503.4756	0.24
nlkp.i.50.1	1453.150	19.78	1452.3242	0.06

nlkp.i.50_2	1637.440	110.88	1635.5458	0.12
nlkp.i.50_3	1793.560	2.05	1792.7291	0.05
nlkp.i.50_4	1450.370	75.79	1444.3478	0.42
nlkp.i.50_5	1309.320	64.55	1308.9826	0.03
nlkp.i.50_6	1792.800	116.82	1790.0218	0.16
nlkp.i.50_7	1455.080	1.87	1452.2788	0.19
nlkp.i.50_8	1875.250	106.25	1871.5738	0.20
nlkp.i.50_9	1412.200	102.98	1410.8072	0.10
nlkp.i.50_10	1778.920	1.82	1771.4599	0.42
nlkp.i.50_11	1620.230	43.87	1617.0524	0.20
nlkp.i.50_12	1328.690	100.61	1328.9757	-0.02
nlkp.i.50_13	1743.210	108.02	1733.6094	0.55
nlkp.i.50_14	1513.520	80.14	1513.1892	0.02
nlkp.i.50_15	1826.230	31.96	1824.2454	0.11
nlkp.i.50_16	1720.190	96.81	1717.8100	0.14
nlkp.i.50_17	1860.940	104.13	1860.7885	0.01
nlkp.i.50_18	1611.410	2.16	1601.5983	0.61
nlkp.i.50_19	1550.020	79.70	1542.6894	0.48
nlkp.i.100_0	2947.070	103.59	2945.8366	0.04
nlkp.i.100_1	3603.220	109.73	3603.2523	0.00
nlkp.i.100_2	2824.780	87.70	2823.0839	0.06
nlkp.i.100_3	3312.250	88.15	3312.6367	-0.01
nlkp.i.100_4	3457.680	119.93	3457.2734	0.01
nlkp.i.100_5	3032.260	108.98	3032.2339	0.00
nlkp.i.100_6	2802.660	117.34	2803.1663	-0.02
nlkp.i.100_7	3227.800	115.79	3225.0804	0.08
nlkp.i.100_8	3610.350	95.98	3610.9912	-0.02
nlkp.i.100_9	2926.450	114.54	2927.6075	-0.04
nlkp.i.100_10	3230.600	100.18	3230.7195	0.00
nlkp.i.100_11	3445.170	93.33	3446.4477	-0.04
nlkp.i.100_12	3452.420	84.63	3452.7475	-0.01
nlkp.i.100_13	3600.020	115.74	3600.8891	-0.02
nlkp.i.100_14	3159.560	75.92	3157.8810	0.05
nlkp.i.100_15	3300.410	109.88	3300.8912	-0.01
nlkp.i.100_16	3299.110	106.11	3299.2832	-0.01
nlkp.i.100_17	3249.830	77.43	3250.3995	-0.02
nlkp.i.100_18	3295.870	104.12	3293.6759	0.07
nlkp.i.100_19	3463.760	62.71	3463.3952	0.01
nlkp.i.200_0	6355.090	62.66	6359.4989	-0.07
nlkp.i.200_1	5855.380	119.22	5856.9718	-0.03
nlkp.i.200_2	6862.390	107.71	6866.7713	-0.06
nlkp.i.200_3	5957.630	96.93	5957.7506	0.00
nlkp.i.200_4	6935.330	106.79	6938.5878	-0.05
nlkp.i.200_5	6965.060	76.97	6973.4845	-0.12
nlkp.i.200_6	7130.500	77.83	7130.1660	0.00
nlkp.i.200_7	6565.620	113.80	6567.0896	-0.02
nlkp.i.200_8	6460.080	119.80	6461.0495	-0.02

nlkp.i.200_9	6907.780	113.76	6910.3408	-0.04
nlkp.i.200_10	7146.040	93.53	7149.8814	-0.05
nlkp.i.200_11	6075.830	103.47	6076.9587	-0.02
nlkp.i.200_12	6775.320	100.89	6777.4778	-0.03
nlkp.i.200_13	6326.730	107.17	6329.1746	-0.04
nlkp.i.200_14	6825.780	112.81	6830.2642	-0.07
nlkp.i.200_15	6177.970	107.99	6177.6793	0.00
nlkp.i.200_16	6417.250	117.28	6420.8554	-0.06
nlkp.i.200_17	7073.090	57.65	7079.9221	-0.10
nlkp.i.200_18	6475.520	88.74	6476.2133	-0.01
nlkp.i.200_19	6372.050	86.59	6373.2011	-0.02
nlkp.i.500_0	15771.800	93.27	15789.0718	-0.11
nlkp.i.500_1	16389.100	119.05	16394.8742	-0.04
nlkp.i.500_2	17832.900	120.02	17862.4298	-0.17
nlkp.i.500_3	16435.800	100.32	16443.9318	-0.05
nlkp.i.500_4	16580.500	115.16	16588.5594	-0.05
nlkp.i.500_5	16647.400	118.20	16662.2393	-0.09
nlkp.i.500_6	16071.200	94.32	16095.9520	-0.15
nlkp.i.500_7	15946.400	89.98	15981.7489	-0.22
nlkp.i.500_8	16425.000	109.74	16437.9713	-0.08
nlkp.i.500_9	17349.900	104.41	17380.4837	-0.18
nlkp.i.500_10	16358.100	116.11	16365.9545	-0.05
nlkp.i.500_11	16483.700	119.89	16495.6878	-0.07
nlkp.i.500_12	15887.900	117.36	15915.7356	-0.17
nlkp.i.500_13	16454.300	118.35	16498.9542	-0.27
nlkp.i.500_14	16369.500	106.56	16379.5318	-0.06
nlkp.i.500_15	16706.500	119.49	16719.6262	-0.08
nlkp.i.500_16	16801.400	88.76	16832.7163	-0.19
nlkp.i.500_17	15429.800	116.38	15439.3544	-0.06
nlkp.i.500_18	16653.900	108.67	16680.4369	-0.16
nlkp.i.500_19	15823.800	119.59	15840.3413	-0.10
nlkp.i.1000_0	31773.200	116.84	31865.3567	-0.29
nlkp.i.1000_1	34647.000	112.29	34792.9106	-0.42
nlkp.i.1000_2	33177.000	120.05	33279.6210	-0.31
nlkp.i.1000_3	32568.200	120.12	32738.3774	-0.52
nlkp.i.1000_4	32893.200	91.22	32977.9152	-0.26
nlkp.i.1000_5	33393.500	119.91	33495.0168	-0.30
nlkp.i.1000_6	32420.000	120.32	32575.1452	-0.48
nlkp.i.1000_7	32359.000	120.08	32446.8099	-0.27
nlkp.i.1000_8	32157.400	119.36	32308.8226	-0.47
nlkp.i.1000_9	32259.600	119.25	32382.2177	-0.38
nlkp.i.1000_10	32818.200	120.21	32975.3626	-0.48
nlkp.i.1000_11	34423.500	119.41	34609.6123	-0.54
nlkp.i.1000_12	32789.900	110.27	32857.2100	-0.20
nlkp.i.1000_13	33088.400	99.52	33160.8556	-0.22
nlkp.i.1000_14	33678.600	120.09	33870.0522	-0.57
nlkp.i.1000_15	33080.100	119.94	33174.9634	-0.29

nlkp.i.1000_16	32517.600	119.19	32613.7356	-0.29
nlkp.i.1000_17	33113.500	119.22	33182.5052	-0.21
nlkp.i.1000_18	32569.200	118.55	32680.2442	-0.34
nlkp.i.1000_19	32995.000	119.76	33093.3900	-0.30
nlkp.i.2500_0	81370.100	120.87	83029.0442	-2.00
nlkp.i.2500_1	80341.700	120.53	82316.8453	-2.40
nlkp.i.2500_2	80194.100	120.35	81843.8798	-2.02
nlkp.i.2500_3	81439.300	120.87	83243.1801	-2.17
nlkp.i.2500_4	82535.600	120.62	84130.2549	-1.90
nlkp.i.2500_5	79895.300	120.90	81524.8773	-2.00
nlkp.i.2500_6	80174.700	120.83	82242.9323	-2.51
nlkp.i.2500_7	80953.700	120.11	82488.4317	-1.86
nlkp.i.2500_8	78066.100	120.90	79872.9022	-2.26
nlkp.i.2500_9	80374.900	120.88	82207.9041	-2.23
nlkp.i.2500_10	80178.600	120.12	81862.4293	-2.06
nlkp.i.2500_11	79815.500	120.05	81726.7976	-2.34
nlkp.i.2500_12	77073.200	119.86	79045.1924	-2.49
nlkp.i.2500_13	79785.300	120.49	81425.9957	-2.01
nlkp.i.2500_14	78622.700	120.37	80467.0732	-2.29
nlkp.i.2500_15	82145.600	120.82	83654.9562	-1.80
nlkp.i.2500_16	80618.700	120.17	82279.6095	-2.02
nlkp.i.2500_17	80693.700	120.43	82777.8606	-2.52
nlkp.i.2500_18	81106.100	120.79	83135.3394	-2.44
nlkp.i.2500_19	80306.100	120.83	82073.6089	-2.15