Resultados BRKGA-MP para o problema P1 com busca local

Tabela 1: Resultados associados as instâncias ($P1$) com busca local

Instâncias	s^*_B	$t_{x^*_B}$	s^*	$gap_{s^*_B}\%$
nlkp_i_10_0	402.002	0.11	401.9964	0.00
nlkp_i_10_1	209.875	0.34	209.8755	0.00
nlkp_i_10_2	184.711	21.23	185.5056	-0.43
nlkp_i_10_3	344.519	45.13	343.3623	0.34
nlkp_i_10_4	305.854	0.17	304.8248	0.34
nlkp_i_10_5	226.528	0.13	208.4337	8.68
nlkp_i_10_6	251.035	81.03	250.9840	0.02
nlkp_i_10_7	236.395	0.41	233.8466	1.09
nlkp_i_10_8	514.159	87.14	513.7746	0.07
nlkp_i_10_9	352.191	0.22	352.1909	0.00
nlkp_i_10_10	274.823	0.22	274.8232	0.00
nlkp_i_10_11	270.100	0.14	270.0996	0.00
nlkp_i_10_12	155.689	36.48	155.5448	0.09
nlkp_i_10_13	342.519	68.24	327.9025	4.46
nlkp_i_10_14	179.583	63.50	178.4352	0.64
nlkp_i_10_15	210.133	98.41	210.0301	0.05
nlkp_i_10_16	351.833	0.12	351.8297	0.00
nlkp_i_10_17	352.397	0.12	352.3505	0.01
nlkp_i_10_18	329.821	74.80	325.7300	1.26
nlkp_i_10_19	285.259	74.99	270.3284	5.52
nlkp_i_20_0	616.978	55.62	617.9949	-0.16
nlkp_i_20_1	532.114	91.02	531.7698	0.06
nlkp_i_20_2	548.950	62.10	539.2633	1.80
nlkp_i_20_3	512.138	118.82	500.4662	2.33
nlkp_i_20_4	866.481	0.54	865.6876	0.09
nlkp_i_20_5	561.831	86.85	549.6967	2.21
nlkp_i_20_6	533.798	14.53	533.7375	0.01
nlkp_i_20_7	397.598	36.77	397.5875	0.00
nlkp_i_20_8	707.375	60.70	707.2645	0.02
nlkp_i_20_9	646.684	107.81	646.6333	0.01
nlkp_i_20_10	719.039	50.88	718.9898	0.01
nlkp_i_20_11	735.797	73.15	734.7542	0.14
nlkp_i_20_12	749.337	6.84	749.1971	0.02
nlkp_i_20_13	716.074	104.46	716.0605	0.00
nlkp_i_20_14	622.345	117.31	610.1096	2.01
nlkp_i_20_15	778.682	32.64	759.3399	2.55
nlkp_i_20_16	701.721	39.84	701.6370	0.01
nlkp_i_20_17	774.829	56.93	761.1460	1.80
nlkp_i_20_18	460.439	86.87	457.1839	0.71
nlkp_i_20_19	980.370	87.66	976.1912	0.43
nlkp_i_50_0	1510.720	119.03	1511.6508	-0.06
nlkp_i_50_1	1620.510	85.75	1624.5457	-0.25

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DE 04 ATÉ 07
NOVEMBRO 2024
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nlkp_i_50_2	1283.010	102.20	1282.5041	0.04
nlkp_i_50_3	1621.110	87.28	1616.0808	0.31
nlkp_i_50_4	1946.790	116.91	1946.7971	0.00
nlkp_i_50_5	1629.160	77.12	1627.8181	0.08
nlkp_i_50_6	1877.150	116.03	1876.5354	0.03
nlkp_i_50_7	1935.790	73.56	1934.7414	0.05
nlkp_i_50_8	1526.570	112.12	1524.9838	0.10
nlkp_i_50_9	1649.690	22.66	1646.7900	0.18
nlkp_i_50_10	1693.030	112.82	1692.6302	0.02
nlkp_i_50_11	1616.660	93.78	1615.4028	0.08
nlkp_i_50_12	1732.650	71.81	1731.7095	0.05
nlkp_i_50_13	1638.330	55.80	1638.1031	0.01
nlkp_i_50_14	1655.350	117.91	1652.6656	0.16
nlkp_i_50_15	1619.020	108.08	1618.8876	0.01
nlkp_i_50_16	2077.330	117.40	2075.0145	0.11
nlkp_i_50_17	1646.550	88.80	1645.3715	0.07
nlkp_i_50_18	1793.110	111.97	1793.9550	-0.05
nlkp_i_50_19	1765.470	107.16	1765.7979	-0.02
nlkp_i_100_0	3138.110	108.12	3138.2572	0.00
nlkp_i_100_1	2909.230	116.45	2898.9567	0.35
nlkp_i_100_2	3582.270	117.53	3579.8460	0.07
nlkp_i_100_3	3827.500	117.85	3824.7293	0.07
nlkp_i_100_4	3186.050	60.80	3184.9359	0.03
nlkp_i_100_5	3309.630	62.22	3303.7474	0.18
nlkp_i_100_6	3373.480	117.14	3373.2699	0.01
nlkp_i_100_7	3291.610	78.24	3287.5616	0.12
nlkp_i_100_8	3776.370	93.92	3773.1281	0.09
nlkp_i_100_9	3580.400	119.93	3579.9226	0.01
nlkp_i_100_10	3144.380	110.48	3141.9981	0.08
nlkp_i_100_11	3238.520	113.79	3232.4167	0.19
nlkp_i_100_12	3658.050	102.55	3660.8067	-0.08
nlkp_i_100_13	3783.180	116.11	3780.5357	0.07
nlkp_i_100_14	3746.650	114.73	3747.1065	-0.01
nlkp_i_100_15	3407.870	94.23	3406.5886	0.04
nlkp_i_100_16	3303.060	110.86	3301.0714	0.06
nlkp_i_100_17	3208.650	112.19	3205.0494	0.11
nlkp_i_100_18	2740.840	109.75	2740.1787	0.02
nlkp_i_100_19	3622.750	95.31	3621.8288	0.03
nlkp_i_200_0	6113.320	110.79	6102.6534	0.17
nlkp_i_200_1	7413.910	87.56	7399.1064	0.20
nlkp_i_200_2	6513.480	98.81	6501.0145	0.19
nlkp_i_200_3	6665.840	113.02	6655.1416	0.16
nlkp_i_200_4	7357.790	109.77	7344.7220	0.18
nlkp_i_200_5	6382.240	112.67	6358.9192	0.37
nlkp_i_200_6	7447.000	96.99	7437.7406	0.12
nlkp_i_200_7	7165.920	103.93	7144.7174	0.30
nlkp_i_200_8	6512.050	111.99	6485.9474	0.40

nlkp_i_200_9	6365.350	96.04	6362.9497	0.04
nlkp_i_200_10	6990.680	118.39	6973.5437	0.25
nlkp_i_200_11	6866.630	104.95	6853.8089	0.19
nlkp_i_200_12	7601.440	106.59	7598.6942	0.04
nlkp_i_200_13	7509.400	116.86	7485.8150	0.32
nlkp_i_200_14	7409.860	90.70	7402.9587	0.09
nlkp_i_200_15	7051.170	118.84	7034.3804	0.24
nlkp_i_200_16	7055.350	83.31	7050.7630	0.07
nlkp_i_200_17	6767.360	117.38	6734.6732	0.49
nlkp_i_200_18	6221.650	118.60	6216.6355	0.08
nlkp_i_200_19	7010.830	118.40	7006.8980	0.06
nlkp_i_500_0	16688.100	112.67	16642.8770	0.27
nlkp_i_500_1	17326.800	117.61	17287.3307	0.23
nlkp_i_500_2	17558.400	118.32	17481.2310	0.44
nlkp_i_500_3	16264.100	116.65	16206.5470	0.36
nlkp_i_500_4	17658.100	113.55	17624.4100	0.19
nlkp_i_500_5	18741.500	114.17	18695.8339	0.24
nlkp_i_500_6	17301.300	114.86	17266.7023	0.20
nlkp_i_500_7	16850.000	114.37	16812.7636	0.22
nlkp_i_500_8	16751.500	41.52	16738.2265	0.08
nlkp_i_500_9	16560.200	107.19	16519.8165	0.24
nlkp_i_500_10	18328.300	63.10	18250.6693	0.43
nlkp_i_500_11	17087.500	102.87	17014.3668	0.43
nlkp_i_500_12	17954.400	115.72	17896.4295	0.32
nlkp_i_500_13	17604.300	119.90	17547.4981	0.32
nlkp_i_500_14	16912.300	87.53	16852.6308	0.35
nlkp_i_500_15	17113.200	110.33	17115.1555	-0.01
nlkp_i_500_16	17026.500	114.91	16968.6750	0.34
nlkp_i_500_17	16898.700	114.62	16824.3460	0.44
nlkp_i_500_18	16694.600	115.07	16646.8005	0.29
nlkp_i_500_19	17373.800	104.41	17332.9141	0.24
nlkp_i_1000_0	33936.400	119.35	33896.5205	0.12
nlkp_i_1000_1	33747.800	118.90	33675.5826	0.21
nlkp_i_1000_2	36356.800	113.76	36255.3825	0.28
nlkp_i_1000_3	34078.000	120.06	34038.0216	0.12
nlkp_i_1000_4	33590.300	112.46	33256.4650	1.00
nlkp_i_1000_5	35348.200	119.28	35239.3782	0.31
nlkp_i_1000_6	35504.200	119.92	35422.0989	0.23
nlkp_i_1000_7	33990.200	119.60	33931.3417	0.17
nlkp_i_1000_8	33818.200	106.18	33738.1701	0.24
nlkp_i_1000_9	34018.400	112.10	33916.5340	0.30
nlkp_i_1000_10	33411.000	114.17	33390.0276	0.06
nlkp_i_1000_11	34318.700	116.94	34278.6829	0.12
nlkp_i_1000_12	34630.700	110.33	34573.8550	0.16
nlkp_i_1000_13	32665.000	119.94	32707.4556	-0.13
nlkp_i_1000_14	34666.200	115.49	34646.7308	0.06
nlkp_i_1000_15	35573.400	119.91	35526.3825	0.13

nlkp_i_1000_16	32480.100	118.52	32407.3436	0.22
nlkp_i_1000_17	36259.200	120.10	36265.6301	-0.02
nlkp_i_1000_18	34218.200	118.06	34135.3950	0.24
nlkp_i_1000_19	33670.400	119.73	33581.2811	0.27
nlkp_i_2500_0	83045.700	120.17	85102.8503	-2.42
nlkp_i_2500_1	84165.700	118.49	85875.7829	-1.99
nlkp_i_2500_2	85725.100	120.29	87514.3537	-2.04
nlkp_i_2500_3	82968.600	118.21	84719.7505	-2.07
nlkp_i_2500_4	83306.000	118.29	85212.0612	-2.24
nlkp_i_2500_5	82093.600	120.20	84254.6707	-2.56
nlkp_i_2500_6	84902.300	120.25	86565.7304	-1.92
nlkp_i_2500_7	83523.700	120.32	85102.7379	-1.86
nlkp_i_2500_8	84800.700	120.39	86769.3132	-2.27
nlkp_i_2500_9	82389.100	117.43	84438.8134	-2.43
nlkp_i_2500_10	82925.800	120.25	84848.0882	-2.27
nlkp_i_2500_11	82163.100	119.51	84307.6525	-2.54
nlkp_i_2500_12	86029.500	115.35	87911.7023	-2.14
nlkp_i_2500_13	84150.900	119.78	86149.7753	-2.32
nlkp_i_2500_14	81408.400	119.21	83201.9582	-2.16
nlkp_i_2500_15	83999.800	118.76	86169.4849	-2.52
nlkp_i_2500_16	82133.800	119.24	84173.1073	-2.42
nlkp_i_2500_17	84644.000	117.72	86491.6841	-2.14
nlkp_i_2500_18	82513.400	114.44	84096.3434	-1.88
nlkp_i_2500_19	79585.500	118.99	81691.9495	-2.58