



Genetic Algorithm		binario		12.0	
Primeiro melhor	Melhor Solução	Enco	Tempo (ns)		
1	12,000000	1	47556549	5,800000	12,000000
6	12,000000	1	24966727	6,240000	12,000000
6	12,000000	1	19134493	6,060000	12,000000
3	12,000000	1	18789577	6,360000	12,000000
5	12,000000	1	18279480	5,980000	12,000000
9	12,000000	1	18332113	6,200000	12,000000
7	12,000000	1	19072342	5,840000	12,000000
4	12,000000	1	17900407	5,980000	12,000000
5	12,000000	1	18422262	6,100000	12,000000
6	12,000000	1	19863523	6,280000	12,000000
2,088061	0,000000			8660010	Desvio
5,200000	12,000000	100.0		22231747	Média
Genetic Algorithm		binario		108.0	
Primeiro melhor	Melhor Solução	Enco	Tempo (ns)		
78	88,000000	0	106885629	55,040000	88,000000
98	89,000000	0	101243773	54,820000	88,300000
99	87,000000	0	98113203	55,340000	86,040000
92	87,000000	0	103421901	55,520000	87,000000
100	89,000000	0	112688746	52,600000	87,760000
96	87,000000	0	100225260	53,940000	87,000000
85	89,000000	0	103995270	53,620000	89,000000
98	88,000000	0	112145613	54,220000	88,000000
97	89,000000	0	99098681	53,780000	88,360000
96	82,000000	0	96445172	53,620000	81,240000
6,714909	2,012461			5336792	Desvio
93,900000	87,500000	0.0		103426324	Média
Genetic Algorithm		binario		1200.0	
Primeiro melhor	Melhor Solução	Enco	Tempo (ns)		

97	698,000000	0	1602254167	602,820000	697,200000
96	699,000000	0	1624134558	601,840000	698,280000
95	707,000000	0	1350278874	596,500000	707,000000
98	734,000000	0	1604267116	601,440000	733,200000
98	699,000000	0	1487212595	596,580000	698,180000
99	693,000000	0	1548197389	593,520000	692,040000
100	705,000000	0	1627174418	600,080000	704,020000
89	698,000000	0	1545882078	600,960000	698,000000
96	686,000000	0	1494012387	596,900000	685,800000
98	695,000000	0	1517490258	596,060000	695,000000

2,905168	12,208194		80117242	Desvio
96,600000	701,400000	0.0	1540090384	Média

Iterated Hill Climbing Standard		binario		12.0
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Primeiro melhor	Melhor Solução	Enco	Tempo (ns)		
20	11,000000	0	4800281	null	null
420	10,000000	0	15025166	null	null
2940	11,000000	0	1534209	null	null
90	10,000000	0	2007909	null	null
480	10,000000	0	1606440	null	null
1350	11,000000	0	1700508	null	null
4250	11,000000	0	1490534	null	null
610	11,000000	0	1412144	null	null
4050	11,000000	0	1681470	null	null
1000	11,000000	0	1504532	null	null

1535,711236	0,458258		4032620	Desvio
1521,000000	10,700000	0.0	3276319	Média

Iterated Hill Climbing Standard		binario		108.0
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Primeiro melhor	Melhor Solução	Enco	Tempo (ns)		
3790	71,000000	0	8906810	null	null
2630	76,000000	0	8555733	null	null
4110	74,000000	0	8989119	null	null
3810	70,000000	0	8803782	null	null
640	69,000000	0	8547894	null	null
410	68,000000	0	8865934	null	null

50	68,000000	0	8746669	null	null
90	67,000000	0	8654281	null	null
970	71,000000	0	8994718	null	null
3340	69,000000	0	8657641	null	null
1612,806250	2,685144		157899		Desvio
1984,000000	70,300000	0.0	8772258		Média
Iterated Hill Climbing Standard		binario			1200.0
Primeiro melhor	Melhor Solução	Enco	Tempo (ns)		
2590	652,000000	0	92696998	null	null
2150	649,000000	0	92251295	null	null
4750	654,000000	0	97648462	null	null
1080	645,000000	0	101973922	null	null
930	663,000000	0	100496826	null	null
1600	650,000000	0	93694794	null	null
2240	649,000000	0	93359956	null	null
1840	649,000000	0	93491540	null	null
4130	646,000000	0	92940568	null	null
4700	654,000000	0	91963490	null	null
1355,820416	4,867237		3447141		Desvio
2601,000000	651,100000	0.0	95051785		Média