

Relatorio - Análise e Projeto de Algoritmos								
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Heurística construtiva							VND	
	ótimo	tempo	valor solução	gap	otimo		VND	gap
n3m10a	7483	0	24576	228,4244287	7483	1	7483	228,4244287
n3m10b	1277	1	3402	117,9372197	1277	0	1561	117,9372197
n3m10c	2088	1	14479	395,347246	2088	0	2923	395,347246
n3m10d	322	1	5950	1747,826087	322	1	322	1747,826087
n3m10e	3343	1	5540	55,18207283	3343	0	3570	55,18207283
n3m20a	8280	0	97415	122,9023179	8280	2	43703	122,9023179
n3m20b	1820	0	55150	132,3768592	1820	1	23733	132,3768592
n3m20c	855	1	3344	-79,71858321	855	2	16488	-79,71858321
n3m20d	4353	1	26073	362,287234	4353	1	5640	362,287234
n3m20e	3798	0	34906	275,4140675	3798	0	9298	275,4140675
n3m40a	112	0	279869	338,7761821	112	12	63784	338,7761821
n3m40b	880	1	273499	324,5230889	880	19	64425	324,5230889
n3m40c	1962	1	261217	322,4419827	1962	15	61835	322,4419827
n3m40d	263	1	98601	335,9404015	263	8	22618	335,9404015
n3m40e	1192	1	58568	208,5286836	1192	7	18983	208,5286836
n5m50a	0	0	352545	265,6347231	0	19	96420	265,6347231
n5m50b	0	0	232583	418,4756682	0	37	44859	418,4756682
n5m50c	0	1	167849	480,6517453	0	24	28907	480,6517453
n5m50d	0	0	103840	297,0329586	0	25	26154	297,0329586
n5m50e	0	0	88399	323,4885503	0	23	20874	323,4885503