



Projeto Final - Tabela de Resultados Computacionais

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Obs: No ILS, foram executadas 20 perturbações e 10 execuções sem melhora

		Heurística construtiva			VND			ILS (Metaheurística)		
Instâncias	Ótimo	Valor solução	Tempo (ms)	GAP	Valor solução	Tempo (ms)	GAP	Valor solução	Tempo (ms)	GAP
n9k5_A	428	651	0	52,10%	456	0	6,54%	456	9	6,54%
n9k5_B	506	885	0	74,90%	534	2	5,53%	534	8	5,53%
n9k5_C	559	885	0	58,32%	809	1	44,72%	809	9	44,72%
n9k5_D	408	651	0	59,56%	456	2	11,76%	456	10	11,76%
n14k5_A	471	748	0	58,81%	675	2	43,31%	675	39	43,31%
n14k5_B	565	1030	0	82,30%	957	2	69,38%	748	20	32,39%
n14k5_C	569	1030	0	81,02%	957	2	68,19%	733	26	28,82%
n14k5_D	471	748	0	58,81%	675	2	43,31%	631	28	33,97%
n22k3_A	605	890	0	47,11%	848	18	40,17%	824	342	36,20%
n22k3_B	777	1406	0	80,95%	1364	6	75,55%	1362	166	75,29%
n22k3_C	777	1406	0	80,95%	1364	14	75,55%	1335	190	71,81%
n22k3_D	605	890	0	47,11%	848	14	40,17%	841	159	39,01%
n31k5_A	650	1709	0	162,92%	1665	38	156,15%	1618	776	148,92%
n31k5_B	933	3094	1	231,62%	3050	39	226,90%	3010	909	222,62%
n31k5_C	939	3094	0	229,50%	3050	39	224,81%	2989	1033	218,32%
n31k5_D	656	1709	0	160,52%	1665	49	153,81%	1601	945	144,05%
n43k6_A	801	2346	1	192,88%	2202	109	174,91%	2202	2360	174,91%
n43k6_B	1203	4758	0	295,51%	4614	105	283,54%	4601	3169	282,46%
n43k6_C	1208	4758	2	293,87%	4614	105	281,95%	4614	2534	281,95%
n43k6_D	802	2346	0	192,52%	2202	108	174,56%	2173	3179	170,95%
n64k9_A	934	4021	0	330,51%	3846	375	311,78%	3846	9582	311,78%
n64k9_B	1503	9070	4	503,46%	8895	370	491,82%	8895	8181	491,82%
n64k9_C	1510	9070	4	500,66%	8895	388	489,07%	8895	8519	489,07%
n64k9_D	932	4021	10	331,44%	3846	389	312,66%	3808	7606	308,58%
n120k7_A	1029	4794	5	365,89%	4660	3977	352,87%	4649	135345	351,80%

<i>n120k7_B</i>	2052	11815	6	475,78%	11681	3983	469,25%	11681	135185	469,25%
<i>n120k7_C</i>	2040	11815	6	479,17%	11681	3914	472,60%	11681	128527	472,60%
<i>n120k7_D</i>	1046	4794	7	358,32%	4660	3892	345,51%	4660	132224	345,51%
<i>n199k17_A</i>	1672	15579	17	831,76%	15476	12961	825,60%	15476	494354	825,60%
<i>n199k17_B</i>	3302	43272	14	1210,48%	43169	13353	1207,36%	43169	515303	1207,36%
<i>n199k17_C</i>	3301	43272	17	1210,88%	43169	13445	1207,76%	43169	500442	1207,76%
<i>n199k17_D</i>	1672	15579	22	831,76%	15476	15369	825,60%	15473	563634	825,42%