

Results for MINMAX_20 (mTSP)

Keld Helsgaun, November 19, 2017

Instance	LKH-3
a280	612
ali535	37758
att48	4324
att532	5580
bayg29	532
bays29	684
berlin52	2440
bier127	24008
brazil58	11982
brd14051	52923
brg180	160
burma14	-
ch130	1178
ch150	1554
d198	8520
d493	8591
d657	9541
d1291	9858
d1655	9683
d2103	10406
d15112	90938
d18512	38742
dantzig42	367
dsj1000	2379336
eil51	112
eil76	126
eil101	113
fl417	4031
fl1400	5764
fl1577	4078
fl3795	5762
fnl4461	14331
fri26	440
gil262	531
gr17	-
gr21	1310
gr24	586
gr48	1562
gr96	19364
gr120	1558
gr137	31334

gr202	10410
gr229	33096
gr431	39050
gr666	40078
hk48	3943
kroA100	5396
kroB100	6700
kroC100	5750
kroD100	6358
kroE100	7040
kroA150	5396
kroB150	5750
kroA200	6224
kroB200	6700
lin105	6378
lin318	9730
linhp318	8253
nrw1379	6064
p654	12280
pa561	295
pcb442	8808
pcb1173	6868
pcb3038	13091
pla7397	1760139
pla33810	3818328
pla85900	8288080
pr76	37972
pr107	20820
pr124	22596
pr136	25732
pr144	24314
pr152	31728
pr226	34846
pr264	16319
pr299	13864
pr439	21703
pr1002	35035
pr2392	38832
rat99	435
rat195	609
rat575	1069
rat783	1289
rd100	2299
rd400	1548
rl1304	32136
rl1323	37330

rl1889	40819
rl5915	45953
rl5934	49851
rl11849	54680
si175	1623
si535	3077
si1032	5459
st70	210
swiss42	412
ts225	33941
tsp225	999
u159	13244
u574	6639
u724	6415
u1060	34673
u1432	13285
u1817	7272
u2152	7420
u2319	16981
ulysses16	-
ulysses22	4628
usa13509	1313005
vm1084	32531
vm1748	33802