

Results for MINSUM_5 (mTSP)

Keld Helsgaun, November 19, 2017

Instance	LKH-3
a280	2748
ali535	204046
att48	11729
att532	28945
bayg29	1870
bays29	2350
berlin52	8124
bier127	121346
brazil58	27963
brd14051	469710
brg180	2040
burma14	3987
ch130	6568
ch150	6652
d198	25047
d493	51102
d657	60004
d1291	61152
d1655	73890
d2103	89457
d15112	1573771
d18512	645586
dantzig42	768
dsj1000	18716474
eil51	468
eil76	575
eil101	674
fl417	12111
fl1400	21901
fl1577	22386
fl3795	30542
fnl4461	182827
fri26	1555
gil262	2527
gr17	2720
gr21	3482
gr24	1870
gr48	5700
gr96	61209
gr120	7550
gr137	81818

gr202	52224
gr229	141759
gr431	183521
gr666	308393
hk48	13179
kroA100	23139
kroB100	23208
kroC100	22633
kroD100	23173
kroE100	22835
kroA150	27990
kroB150	27616
kroA200	29916
kroB200	30432
lin105	15652
lin318	43302
linhp318	42404
nrw1379	56959
p654	39251
pa561	2837
pcb442	51373
pcb1173	57590
pcb3038	138027
pla7397	23303085
pla33810	66186235
pla85900	142622761
pr76	120294
pr107	46102
pr124	63283
pr136	101244
pr144	61046
pr152	78340
pr226	88479
pr264	50966
pr299	50189
pr439	109098
pr1002	270834
pr2392	380030
rat99	1355
rat195	2461
rat575	6864
rat783	8929
rd100	8224
rd400	15479
rl1304	254720
rl1323	272011

rl1889	318200
rl5915	566716
rl5934	556775
rl11849	924025
si175	22125
si535	49436
si1032	93186
st70	729
swiss42	1417
ts225	132523
tsp225	4148
u159	46807
u574	37100
u724	43159
u1060	225264
u1432	153452
u1817	57678
u2152	64464
u2319	234820
ulysses16	7682
ulysses22	7843
usa13509	20062150
vm1084	241694
vm1748	341412