

Results for T instances (PDTSP)

Keld Helsgaun, November 19, 2017

Instance	Best known	LKH-3	Gap (%)
EIL51A	464	464	0.00
EIL51B	469	469	0.00
EIL51C	488	488	0.00
ST69A	764	764	0.00
ST69B	771	771	0.00
ST69C	793	793	0.00
EIL75A	583	583	0.00
EIL75B	601	601	0.00
EIL75C	590	590	0.00
PR75A	130531	130531	0.00
PR75B	128397	128397	0.00
PR75C	124509	124509	0.00
KROA99A	24980	24980	0.00
KROA99B	26552	26552	0.00
KROA99C	25769	25769	0.00
KROB99A	25631	25631	0.00
KROB99B	25384	25384	0.00
KROB99C	25795	25795	0.00
KROC99A	26113	26113	0.00
KROC99B	25602	25602	0.00
KROC99C	26065	26065	0.00
KROD99A	25392	25392	0.00
KROD99B	26179	26179	0.00
KROD99C	26021	26041	0.08
KROE99A	25879	25879	0.00
KROE99B	26584	26542	-0.16
KROE99C	26021	26021	0.00
RAT99A	1401	1399	-0.14
RAT99B	1460	1460	0.00
RAT99C	1370	1370	0.00
RD99A	9506	9499	-0.07
RD99B	9464	9464	0.00
RD99C	9185	9185	0.00
EIL101A	695	695	0.00
EIL101B	705	705	0.00
EIL101C	690	690	0.00
LIN105A	17710	17677	-0.19
LIN105B	17482	17482	0.00
LIN105C	17813	17813	0.00
PR107A	51537	51537	0.00
PR107B	51675	51686	0.02

PR107C	52657	52657	0.00
PR123A	75542	75542	0.00
PR123B	75389	75389	0.00
PR123C	82341	82341	0.00
BIER127A	131974	131974	0.00
BIER127B	133378	133378	0.00
BIER127C	132199	132020	-0.14
PR135A	111120	110939	-0.16
PR135B	110763	110763	0.00
PR135C	114232	114232	0.00
PR143A	80274	80274	0.00
PR143B	89472	89472	0.00
PR143C	91979	91979	0.00
KROA149A	30833	30833	0.00
KROA149B	31733	31733	0.00
KROA149C	32235	32235	0.00
KROB149A	31045	30687	-1.15
KROB149B	31696	31687	-0.03
KROB149C	31735	31735	0.00
PR151A	90494	90494	0.00
PR151B	94937	94937	0.00
PR151C	97288	97288	0.00
U159A	51710	51686	-0.05
U159B	50494	50494	0.00
U159C	53189	52187	-1.88
D197A	15886	15886	0.00
D197B	16060	16060	0.00
D197C	16673	16673	0.00
KROA199A	34400	34400	0.00
KROA199B	34899	34874	-0.07
KROA199C	35927	35927	0.00
KROB199A	34774	34703	-0.20
KROB199B	34212	34212	0.00
KROB199C	35761	35613	-0.41
PR225A	103652	103652	0.00
PR225B	109384	109324	-0.05
PR225C	112240	112240	0.00
TS225A	156646	153834	-1.80
TS225B	159163	158142	-0.64
TS225C	161278	159868	-0.87
GIL261A	2773	2736	-1.33
GIL261B	2837	2833	-0.14
GIL261C	2812	2797	-0.53
PR263A	60800	60800	0.00
PR263B	60413	60294	-0.20
PR263C	64161	64143	-0.03

PR299A	57279	56560	-1.26
PR299B	57629	57380	-0.43
PR299C	58860	58496	-0.62
LIN317A	49729	49678	-0.10
LIN317B	50004	50004	0.00
LIN317C	50657	50651	-0.01
RD399A	17356	17327	-0.17
RD399B	18143	17768	-2.07
RD399C	18172	18109	-0.35
FL417A	13792	13558	-1.70
FL417B	13815	13815	0.00
FL417C	15618	15618	0.00
PR439A	105887	104846	-0.98
PR439B	110139	109979	-0.15
PR439C	112121	110895	-1.09
PCB441A	60225	59626	-0.99
PCB441B	59615	58848	-1.29
PCB441C	60569	60166	-0.67
D493A	36007	35594	-1.15
D493B	36888	36121	-2.08
D493C	37986	37619	-0.97