

Results for Steiner traveling salesman instances (STTSP)

Keld Helsgaun, May 5, 2019

Instance	n	m	r	OPTIMUM	LKH-3	Gap (%)	t (sec)
STSP_50-1over3	50	69	16	789	789	0.00	0.00
STSP_50-2over3	50	69	33	978	978	0.00	0.00
STSP_75-1over3	75	105	25	830	830	0.00	0.00
STSP_75-2over3	75	105	50	1029	1029	0.00	0.00
STSP_100-1over3	100	139	33	919	919	0.00	0.00
STSP_100-2over3	100	139	66	1193	1193	0.00	0.00
STSP_125-1over3	125	179	41	1143	1143	0.00	0.00
STSP_125-2over3	125	179	83	1416	1416	0.00	0.01
STSP_150-1over3	150	215	50	1105	1105	0.00	0.00
STSP_150-2over3	150	215	100	1545	1545	0.00	0.01
STSP_175-1over3	175	252	58	1272	1272	0.00	0.00
STSP_175-2over3	175	252	116	1645	1645	0.00	0.01
STSP_200-1over3	200	291	66	1295	1295	0.00	0.00
STSP_200-2over3	200	291	133	1845	1845	0.00	0.00
STSP_225-1over3	225	326	75	1377	1377	0.00	0.00
STSP_225-2over3	225	326	150	1901	1901	0.00	0.00
STSP_250-1over3	250	367	83	1487	1487	0.00	0.00
STSP_250-2over3	250	367	166	1994	1994	0.00	0.03
STSP_300-1over3	300	440	100	1629	1629	0.00	0.00
STSP_300-2over3	300	440	200	2128	2128	0.00	0.01
euroroad_05percent	1174	1417	58	31571	31571	0.00	0.00
euroroad_10percent	1174	1417	117	49975	49975	0.00	0.01
euroroad_15percent	1174	1417	176	57793	57793	0.00	0.00
euroroad_20percent	1174	1417	234	71469	71469	0.00	0.01
tech-routers_05percent	2113	6632	105	20230	20230	0.00	0.00
tech-routers_10percent	2113	6632	211	37383	37383	0.00	0.47
tech-routers_15percent	2113	6632	316	51323	51323	0.00	0.17
rome99_05percent	3353	8870	167	474569	474569	0.00	0.03
rome99_10percent	3353	8870	335	605047	605047	0.00	0.02
rome99_15percent	3353	8870	502	769236	769236	0.00	0.04