Name Of the Graph	Actual	PSO-Min colour(Time in seconds)	Genetic-Min colour(Time in seconds)	Simulated Annealing-Min colour(Time in seconds)	Neural Network-Min colour(Time in seconds)	Genetic-Simulated-Min colour(Time in seconds)	Genetic-PSO-Min colour(Time in seconds)
DSJC1000.1	?						
DSJC1000.5	?						
DSJC1000.9	?						
DSJC125.1	?	8(17.25s)	8(12.80s)	9(3.03s)		8(8.94s)	
DSJC125.5	?	27(26.46s)	26(13.97s)	25(5.62s)		24(14.01s)	
DSJC125.9	?	57(18.34s)	59(11.55s)	57(3.27s)		54(8.341s)	
DSJC250.1	?	13(50.33s)	13(44.84s)	14(12.73s)		12(37.30s)	
DSJC250.5	?	45(44.29s)	44(48.16s)	47(21.77s)		41(56.35s)	
DSJC250.9	?	101(62.38s)	99(40.11s)	102(10.76s)		95(35.61s)	
DSJC500.1	?	21(126.22s)	21(163.89s)	22(65.40s)		19(140.44s)	
DSJC500.5	?	82(348.81s)	76(173.97s)	78(91.18s)		72(211.39s)	
DSJC500.9	?	185(237.54s)	178(150.89s)	197(54.79s)		173(140.39)	
DSJR500.5.1	?	15(194.56s)	15*158.88s)	14(63.61s)		13(127.25s)	
DSJR500.5.1c	?	126(119.48s)	123(109.87s)	133(49.19s)		110(123.58s)	
DSJR500.5	?	158(225.62s)	156(160.33s)	154(81.29s)		150(197.73s)	
flat1000_50_0	50						
flat1000_60_0	60						
flat1000_76_0	76						
flat300_20_0	20	50(132.98s)	46(66.12s)	52(32.15s)		46(78.66s)	

flat300_26_0	26	50(134.88s)	50(66.73s)	48(32.42s)		47(78.91s)	
flat300_28_0	28	53(132.22s)	49(66.32s)	55(31.22s)		46(78.98s)	
fpsol2.i.1	65	65	65	65		65	
fpsol2.i.2	30	31	30	31		30	
fpsol2.i.3	30	32(93.24s)	35(110.79s)	31(32.03s)		31(50.10s)	
initthx.i.1	54	54(329.67s)	190(137.64s)	57(127.14s)		56(200.85s)	
initthx.i.2	31	39(303.69s)	41(145.11s)	35(72.40s)		33(167.16s)	
initthx.i.3	31	38(286.82s)	42(128.55s)	35(68.26s)		46(162.86s)	
latin_square_10	?						
le450_15b	15	23(158.18s)	23(43.30s)	23(24.25s)		21(131.54s)	
le450_15c	15	34(101.13s)	32(45.10s)	32(26.30s)		30(146.53s)	
le450_15d	15	34(115.15s)	34(44.91s)	34(47.09s)		31(149.76s)	
le450_25a	25	29(161.71s)	29(43.76s)	31(43.09s)		26(131.95s)	
le450_25b	25	29(252.28s)	27(43.61s)	28(22.94s)		27(129.83s)	22(5352.89s)
le450_25c	25	39(124.17s)	37(44.70s)	37(26.67s)		35(155.71s)	
le450_25d	25	39(102.491s)	40(44.78s)	37(49.61s)		35(142.32s)	
le450_5a	5	14(151.03s)	14(44.01s)	14(21.99s)		13(127.76s)	
le450_5b	5	14(151.91s)	14(44.35s)	17(20.92s)		13(126.50s)	
le450_5c	5	19(181.01s)	19(43.06s)	16(24.70s)		16(134.30s)	
le450_5d	5	18(200.61s)	19(43.81s)	18(23.61s)		16(133.91s)	
mulsol.i.1	49	49(13.99s)	51(9.38s)	49(6.96s)		49(22.11s)	
mulsol.i.2	31	33(70.82s)	42(8.08s)	48(6.77s)		33(20.63s)	

mulsol.i.3	31	33(67.69s)	44(8.00s)	38(5.52s)		34(19.00s)	
mulsol.i.4	31	34	40	37		33	38
mulsol.i.5	31	33(69.44s)	48(8.20s)	37(6.37s)		35(19.67s)	
school1	?	45(105.11s)	47(33.26s)	45(38.98s)		40(107.96s)	
school1.nsh	?	41(93.49s)	44(28.59s)	45(33.32s)		36(88.92s)	
zeroin.i.1	49	50(38.70s)	50(9.48s)	50(7.83s)		49(22.39s)	
zeroin.i.2	30	31(39.02s)	34(10.04s)	31(7.10s)		30(23.48s)	
zeroin.i.3	30	31(36.23s)	30(8.76s)	30(7.19s)		30(21.48s)	
anna	11	11	11	11		11	
david	11	11	11	12		11	
homer	13	13(186.28s)	13(113.27s)	13(28.54s)		13(116.34s)	13(283.13s)
huck	11	11	11	11		11	
jean	10	10	10	10		10	
games120	9	9	9	9		9	
miles1000	42	45	46	46		43	
miles1500	73	73(36.34s)	73(11.04s)	73(1.81s)		73(8.30s)	
miles250	8	8	8	8		8	
miles500	20	21	23	23		20	
miles750	31		33	33		31	
queen5	5	8	8	8		6	
queen6	7	10	9	9		8	
queen7	7	11	11	11		10	
queen8	9	13	12	12		11	12
queen9	10	14	13	14		13	
queen10	?	16(14.88s)	15(145.35s)	15 (63.93s)		14(152.00s)	
queen11	11	18(133.60s)	16(219.80s)	17(1.86s)		15(294.92s)	
queen12	12	15	15	16		14	

queen13	13	20(32.82 s)	19(31.21 s)	21(2.87s)		18(225.4 2s)	
queen14	?	22(42.16 s)	21(49.51 s)	22(5.08s)		20(117.7 7s)	
queen15	?	24(53.93 s)	22(63.90 s)	24(5.95s)		22(182.3 8s)	
queen16	?	25(70.08 s)	24(71.10 s)	24(8.29s)		23(307.8 6s)	
myciel3	4	4	4	4		4	
myciel4	5	5	5	5		5	
myciel5	6	6	6	6		6	
myciel6	7	7	7	7		7	
myciel7	8	8	8	8		8	