

Table 1: Improvement (decrease) of traveling cost with iterations for R1 problem instance

Plan: 1 Employed Bee: 50 Onlooker Bee: 10 Iterations: 75		Plan: 2 Employed Bee: 200 Onlooker Bee: 60 Iterations: 400		Plan: 3 Employed Bee: 600 Onlooker Bee: 200 Iterations: 1000	
Iteration Number	Traveling cost	Iteration Number	Traveling cost	Iteration Number	Traveling cost
0	776.623	0	776.623	0	776.623
1	719.231	1	719.231	1	719.231
2	712.826	2	712.826	2	712.826
4	672.846	4	672.846	4	672.846
38	641.388	38	641.388	38	641.388
		86	635.056	86	635.056
		103	634.750	399	611.831
		110	634.266	518	609.399
		196	630.439	644	606.350
		241	616.174	758	599.059
		278	612.499	824	586.161
		326	596.626	900	585.201
		361	594.390	972	573.365

Table 2: Improvement (decrease) of traveling cost with iterations for R2 problem instance

Plan: 1 Employed Bee: 50 Onlooker Bee: 10 Iterations: 75		Plan: 2 Employed Bee: 200 Onlooker Bee: 60 Iterations: 400		Plan: 3 Employed Bee: 600 Onlooker Bee: 200 Iterations: 1000	
Iteration Number	Traveling cost	Iteration Number	Traveling cost	Iteration Number	Traveling cost
0	759.302	0	759.302	0	759.302
3	732.711	3	732.711	3	732.711
9	726.875	9	726.875	9	726.875
18	713.933	18	713.933	18	713.933
26	698.390	26	698.390	26	698.390
		163	692.139	163	692.139
		266	634.750	413	683.086
		317	634.266	587	682.829
		393	630.439	702	660.688