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## Errata

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Unfortunately a few results in appendix A of the Ph.D. thesis contained errors (for R101.25, R102.25, R107.25 and C101.50 one route was missing, for R106.25 the solution contained one route too many, while for R109.25, R110.25, R111.25, R112.25, all C109 instances and RC108.25 the printed LP/IP values were not correct).

Each of the instances with errors are presented here as they should have been in the thesis.

R101	25	<b>IP<sub>opt</sub></b>	617.0
		<i>LP<sub>opt</sub></i>	617.0
		Routes	
		5 16 6	
		7 8 17	
		11 19 10	
		18	
		23 22 4 25	
		14 15 13	
		12 9 20 1	
2 21 3 24			
R102	25	<b>IP<sub>opt</sub></b>	547.1
		<i>LP<sub>opt</sub></i>	546.333
		Routes	
		14 16 6 13	
		3 9 20 1	
		18	
		8 17 5	
		2 15 22 4 25	
		7 11 19 10	
21 23 24 12			
R106	25	<b>IP<sub>opt</sub></b>	465.4
		<i>LP<sub>opt</sub></i>	457.3
		Routes	
		18 8 17 5	
		2 15 23 22 4 25 21	
		7 19 11 10	
14 16 6 13			
1 9 20 3 24 12			

R107	50	<b>IP_opt</b>	711.1
		<i>LP_opt</i>	704.438
		Routes	
		26 21 39 23 41 22 4 25 24	
		18 45 8 6 13	
		42 43 15 2 40	
		46 36 11 19 49 47 48 7	
		37 14 44 38 16 17 5	
		27 1 30 20 32 10 31 28	
50 3 33 9 35 34 29 12			
R109	25	<b>IP_opt</b>	444.1
		<i>LP_opt</i>	444.1
		Routes	
		5 8 18 6	
		7 19 11 10	
		12 3 9 20 1	
		21 22 23 4 25 24	
2 15 14 16 17 13			
R110	25	<b>IP_opt</b>	444.1
		<i>LP_opt</i>	437.3
		Routes	
		2 15 14 16 17 8	
		12 3 9	
		7 19 11 10 20 1	
		21 22 23 4 25 24	
18 5 6 13			
R111	25	<b>IP_opt</b>	428.8
		<i>LP_opt</i>	423.788
		Routes	
		12 3 9 20 10 1	
		21 23 22 4 25 24	
2 15 14 16 6 13			
7 11 19 8 18 17 5			
R112	25	<b>IP_opt</b>	393.0
		<i>LP_opt</i>	384.2
		Routes	
		21 22 23 4 25 24	
		18 8 7 19 11 10	
2 15 14 16 17 5 6 13			
12 3 9 20 1			

C101	50	<b>IP_opt</b>	362.4
		<i>LP_opt</i>	362.4
		Routes	
		20 24 25 27 29 30 28 26 23 22 21	
		5 3 7 8 10 11 9 6 4 2 1	
		43 42 41 40 44 46 45 48 50 49 47	
		13 17 18 19 15 16 14 12	
C109	25	<b>IP_opt</b>	191.3
		<i>LP_opt</i>	191.3
		Routes	
		20 24 25 23 22 21	
		7 8 10 11 9 6 4 2 1 5 3	
		13 17 18 19 15 16 14 12	
		C109	50
<i>LP_opt</i>	362.4		
Routes			
32 33 31 35 37 38 39 36 34			
13 17 18 19 15 16 14 12			
5 3 7 8 10 11 9 6 4 2 1			
20 24 25 27 29 30 28 26 23 22 21			
C109	100	<b>IP_opt</b>	827.3
		<i>LP_opt</i>	825.64
		Routes	
		43 42 41 40 44 46 45 48 51 50	
		52 49 47	
		5 3 7 8 10 11 9 6 4 2 1 75	
		20 24 25 27 29 30 28 26 23 22 21	
67 65 63 62 74 72 61 64 68 66 69			
90 87 86 83 82 84 85 88 89 91			
81 78 76 71 70 73 77 79 80			
98 96 95 94 92 93 97 100 99			
32 33 31 35 37 38 39 36 34			
13 17 18 19 15 16 14 12 10			
57 55 54 53 56 58 60 59			
RC108	25	<b>IP_opt</b>	294.5
		<i>LP_opt</i>	293.791
		Routes	
		12 14 17 16 15 13 9 11 10	
		22 20 19 18 21 23 25 24	
2 6 7 8 4 5 3 1			