

Figure 1 is a line graph illustrating the evolution of 10 routes (route 1 to route 10) over 120 iterations. The Y-axis represents a value ranging from 0 to 120, and the X-axis represents the iteration number from 0 to 120. All routes converge to a value of approximately 90 by iteration 60. After iteration 60, the routes diverge: route 1 (blue) drops to approximately 20; route 2 (orange) drops to 0 at iteration 40; route 3 (green) fluctuates between 40 and 70; route 4 (red) fluctuates between 65 and 75; route 5 (purple) fluctuates between 90 and 105; route 6 (brown) fluctuates between 85 and 95; route 7 (pink) fluctuates between 90 and 100; route 8 (grey) fluctuates between 95 and 110; route 9 (olive) fluctuates between 90 and 95; and route 10 (cyan) fluctuates between 80 and 90.

Total distance: 1095