

Figure 1 is a line graph showing the evolution of 10 routes (route 1 to route 10) over 120 iterations. The Y-axis represents a value from 0 to 120, and the X-axis represents iterations 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 ~20; route 2 (orange) drops to 0 at iteration 40; route 3 (green) stays around 70; route 4 (red) stays around 75; route 5 (purple) stays around 100; route 6 (brown) stays around 90; route 7 (pink) stays around 100; route 8 (grey) stays around 100; route 9 (olive) stays around 90; and route 10 (cyan) stays around 90.

**Total distance: 1101**