

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 at iteration 60. After iteration 60, the routes diverge: route 1 (blue) rises to ~108, route 2 (orange) to ~85, route 3 (green) to ~23, route 4 (red) to ~17, route 5 (purple) to ~45, route 6 (brown) to ~45, route 7 (pink) to ~45, route 8 (grey) to ~45, route 9 (olive) to ~45, and route 10 (cyan) to ~45.

**Total distance: 1134**