

Figure 1: A line graph showing the evolution of 10 routes over 120 iterations. The x-axis represents iterations from 0 to 120, and the y-axis represents a value 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) drops to ~20; route 2 (orange) drops to 0 at iteration 40; route 3 (green) drops to ~45; route 4 (red) drops to ~70; route 5 (purple) drops to ~85; route 6 (brown) drops to ~90; route 7 (pink) drops to ~95; route 8 (grey) drops to ~105; route 9 (olive) drops to ~85; and route 10 (cyan) drops to ~95. The legend on the right identifies the routes by color.

**Total distance: 1101**