

The graph illustrates the convergence and subsequent divergence of 10 routes. The legend identifies the routes by color: route 1 (blue), route 2 (orange), route 3 (green), route 4 (red), route 5 (purple), route 6 (brown), route 7 (pink), route 8 (grey), route 9 (olive), and route 10 (cyan). 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 by iteration 60. After iteration 60, the routes diverge into three distinct groups: routes 1-5 (blue, purple, red, brown, cyan) stay relatively high, routes 6-9 (pink, grey, olive, yellow) show moderate fluctuations, and route 10 (orange) drops significantly to near 0 by iteration 100.

Total distance: 1093