

The graph displays the cost of the best solution found over 30 iterations for different numbers of iterations (default, 200i, 400i, 800i, 1200i). The y-axis represents the cost, ranging from 0 to 1.0. The x-axis represents the number of iterations, ranging from 0 to 30. The legend indicates the following series:

- default iterations (blue line)
- 200i iterations (orange line)
- 400i iterations (green line)
- 800i iterations (red line)
- 1200i iterations (purple line)
- Best Cost (dashed red line)
- Best Classical Approximation (dashed blue line)

The Best Cost is approximately 0.95, and the Best Classical Approximation is approximately 0.75. The cost of the best solution found decreases rapidly in the first few iterations and then stabilizes near the Best Cost. The 1200i iterations series shows the fastest convergence to the Best Cost.

