

The graph displays the cost of the best solution found over 30 iterations for different numbers of iterations (200i, 400i, 800i, 1200i) compared to the best cost and best classical approximation. The x-axis represents the number of iterations (0 to 30), and the y-axis represents the cost (0 to 100). The 'Best Cost' is indicated by a red dashed line at approximately 95. The 'Best Classical Approximation' is indicated by a blue dashed line at approximately 75. The 'default iterations' (blue line) starts at a cost of approximately 75 and quickly converges to the 'Best Cost' by iteration 5. The '200i iterations' (yellow line) starts at a cost of approximately 65 and converges to the 'Best Cost' by iteration 5. The '400i iterations' (green line) starts at a cost of approximately 70 and converges to the 'Best Cost' by iteration 5. The '800i iterations' (red line) starts at a cost of approximately 75 and converges to the 'Best Cost' by iteration 5. The '1200i iterations' (purple line) starts at a cost of approximately 75 and converges to the 'Best Cost' by iteration 5. A shaded region indicates the range of costs for the 'default iterations' and '200i iterations' during the first 5 iterations.

Iteration	default iterations	200i iterations	400i iterations	800i iterations	1200i iterations	Best Cost	Best Classical Approximation
0	75	65	70	75	75	95	75
1	85	75	80	85	85	95	75
2	90	85	90	90	90	95	75
3	92	90	92	92	92	95	75
4	93	92	93	93	93	95	75
5	94	93	94	94	94	95	75
10	94	94	94	94	94	95	75
15	94	94	94	94	94	95	75
20	94	94	94	94	94	95	75
25	94	94	94	94	94	95	75
30	94	94	94	94	94	95	75

