

The graph illustrates the relationship between the number of iterations (x-axis) and the number of nodes (y-axis). The x-axis ranges from 0 to 3000, and the y-axis ranges from 0 to 10. The graph shows a decreasing trend, starting at approximately (0, 10) and ending at approximately (2200, 0). The line is composed of several segments, with a notable change in slope around 1000 iterations.

Iterations (x)	Nodes (y)
0	10
500	7.5
1000	5.5
1500	4.0
2000	2.5
2200	0

