

The figure consists of two vertically stacked plots sharing a common x-axis representing the number of nodes, ranging from -25 to 25 with major ticks every 5 units. The top plot shows the number of iterations on a logarithmic y-axis, ranging from 10^3 to 10^4 . It displays two data series: $N=10000$ (blue dots) and $N=20000$ (red dots). Both series show a sharp increase in iterations at $x=0$, with $N=20000$ reaching approximately 10^4 and $N=10000$ reaching approximately $10^3.5$. The bottom plot shows the relative error on a linear y-axis, ranging from 0.95 to 1.0. It displays two data series: $N=10000$ (blue dots) and $N=20000$ (red dots). Both series show a sharp decrease in relative error at $x=0$, with $N=20000$ reaching approximately 0.98 and $N=10000$ reaching approximately 0.96.