

Figure 1 consists of two heatmaps. The top heatmap shows the number of iterations N as a function of the number of points N_p (x-axis, 0 to 20) and the number of iterations N (y-axis, 0 to 20). The color scale for N ranges from $1e-39$ (dark purple) to $1e-38$ (yellow). The bottom heatmap shows the error Q as a function of N_p (x-axis, 0 to 20) and N (y-axis, 0 to 20). The color scale for Q ranges from 0.0005 (dark purple) to 0.0025 (yellow). Both plots show a minimum value around $N_p = 10$.

