

Gauss Seidel Method

The Gauss Seidel Method in this Github is used to solve the following linear equation where the pre-defined threshold $\epsilon = 0.01$.

$$\begin{aligned}8x_1 + 3x_2 - 3x_3 &= 14 \\-2x_1 - 8x_2 - 5x_3 &= 5 \\3x_1 + 5x_2 - 10x_3 &= -8\end{aligned}$$