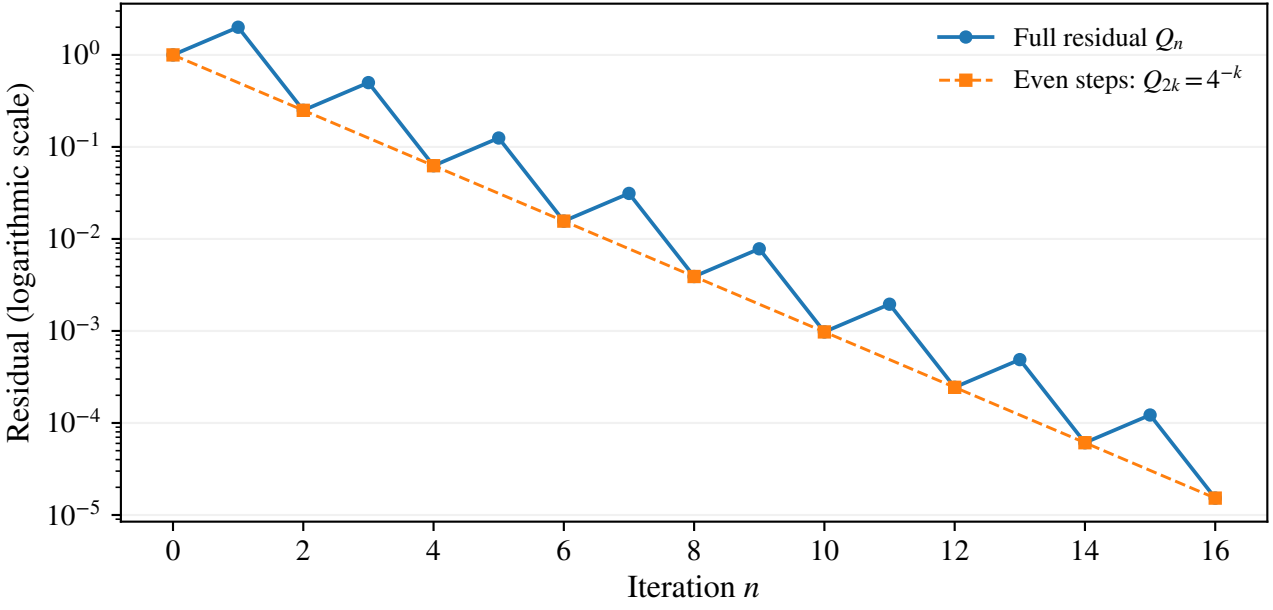

Full residual Q_n
Even steps: $Q_{2k} = 4^{-k}$
Residual (logarithmic scale)
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-5}
0
2
4
6
8
10
12
14
16
Iteration n