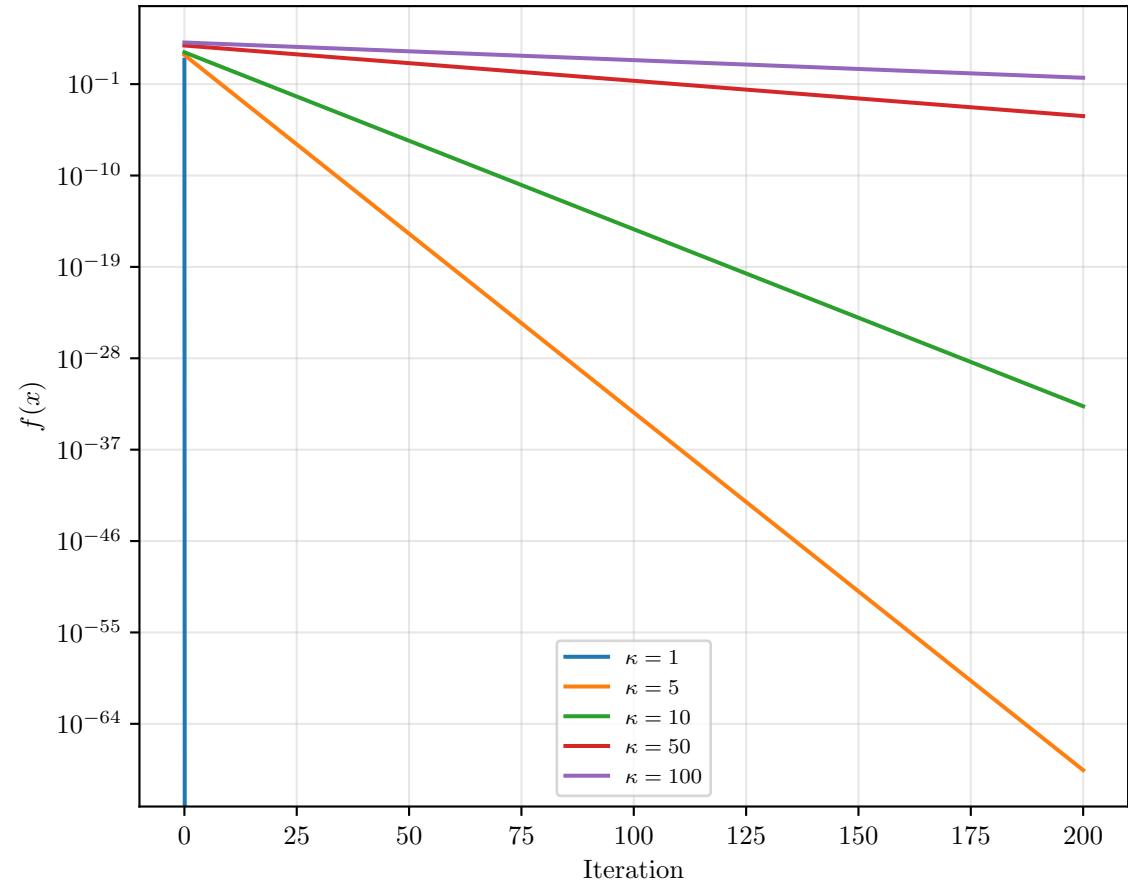
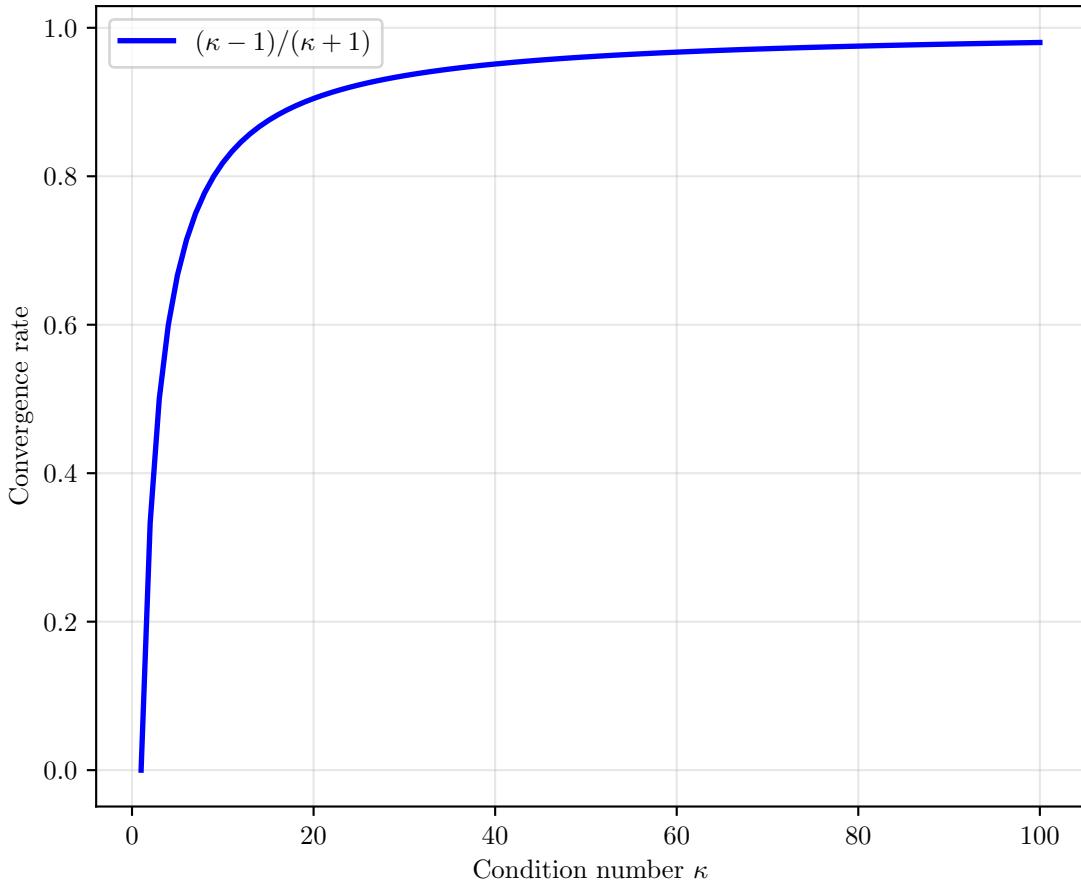
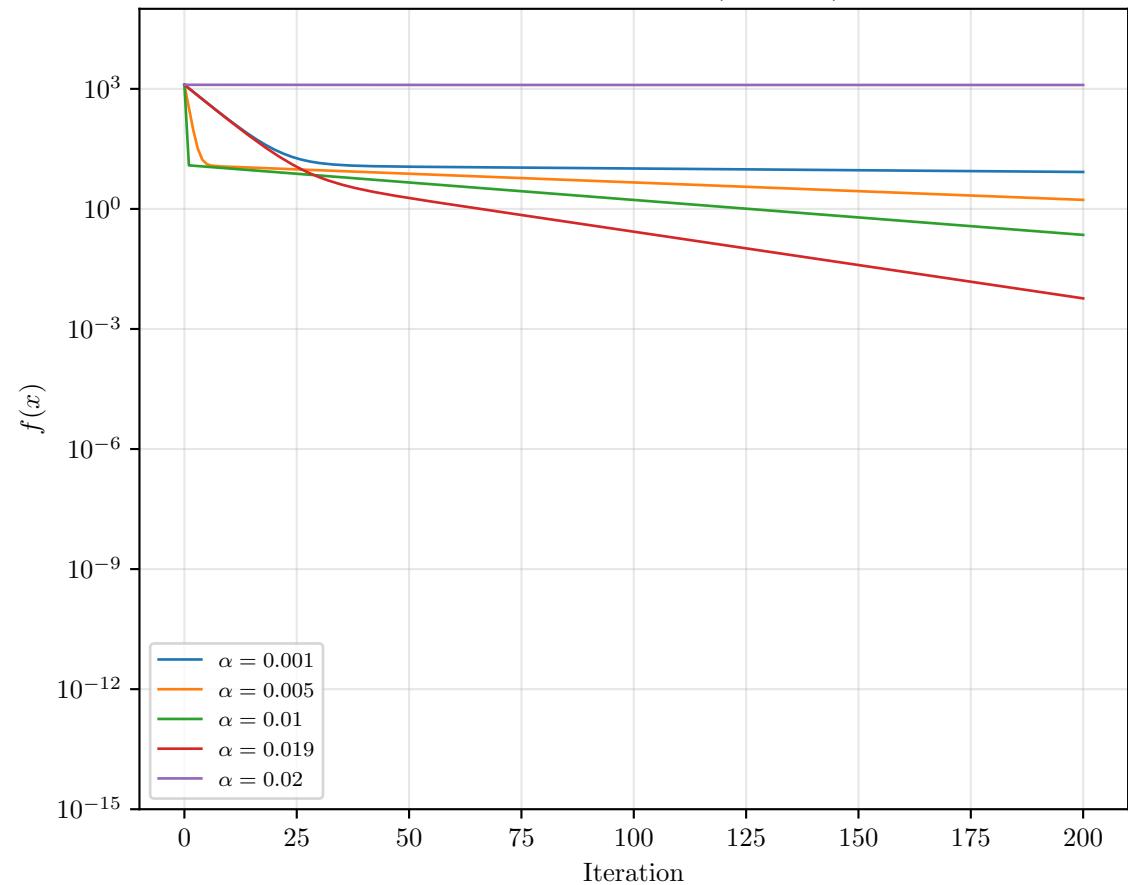


Effect of Condition Number (optimal  $\alpha$ )

Theoretical Convergence Rate (GD)

Step Size Sensitivity ( $\kappa = 100$ )GD vs Momentum ( $\kappa = 100$ )