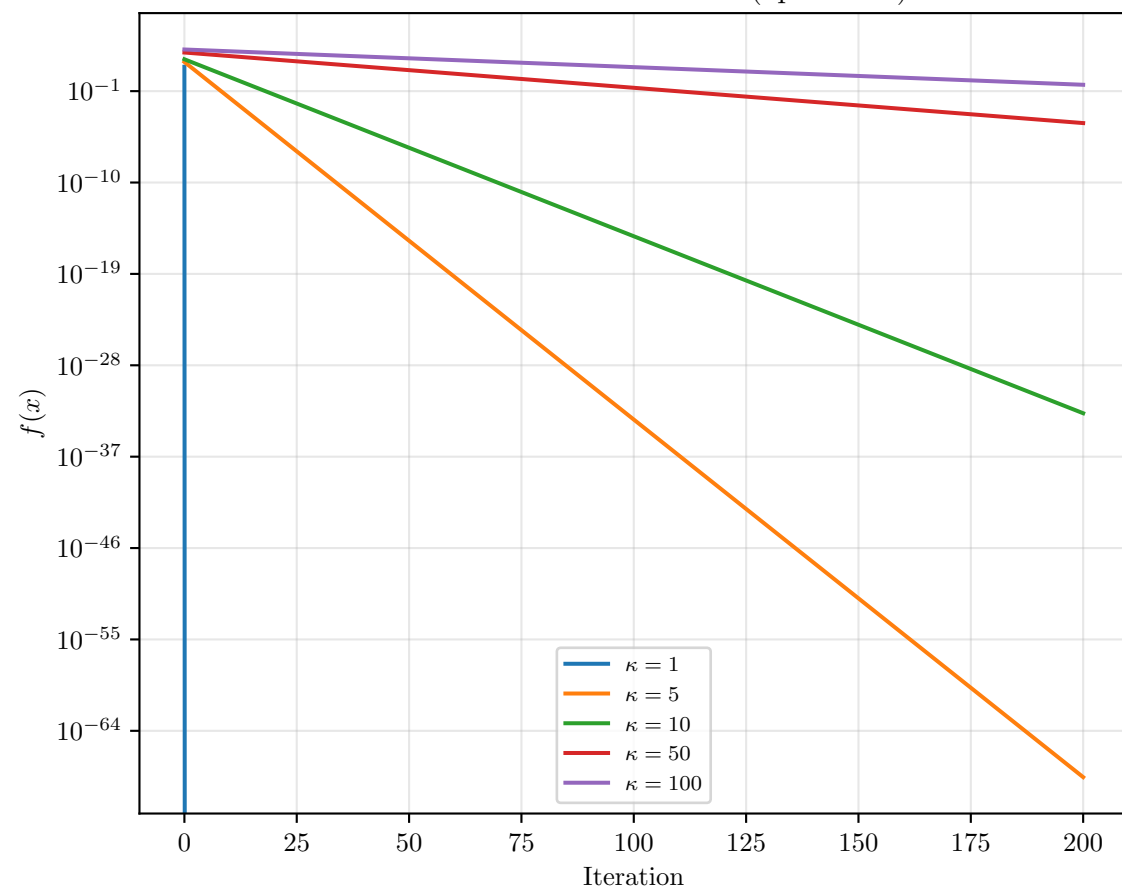
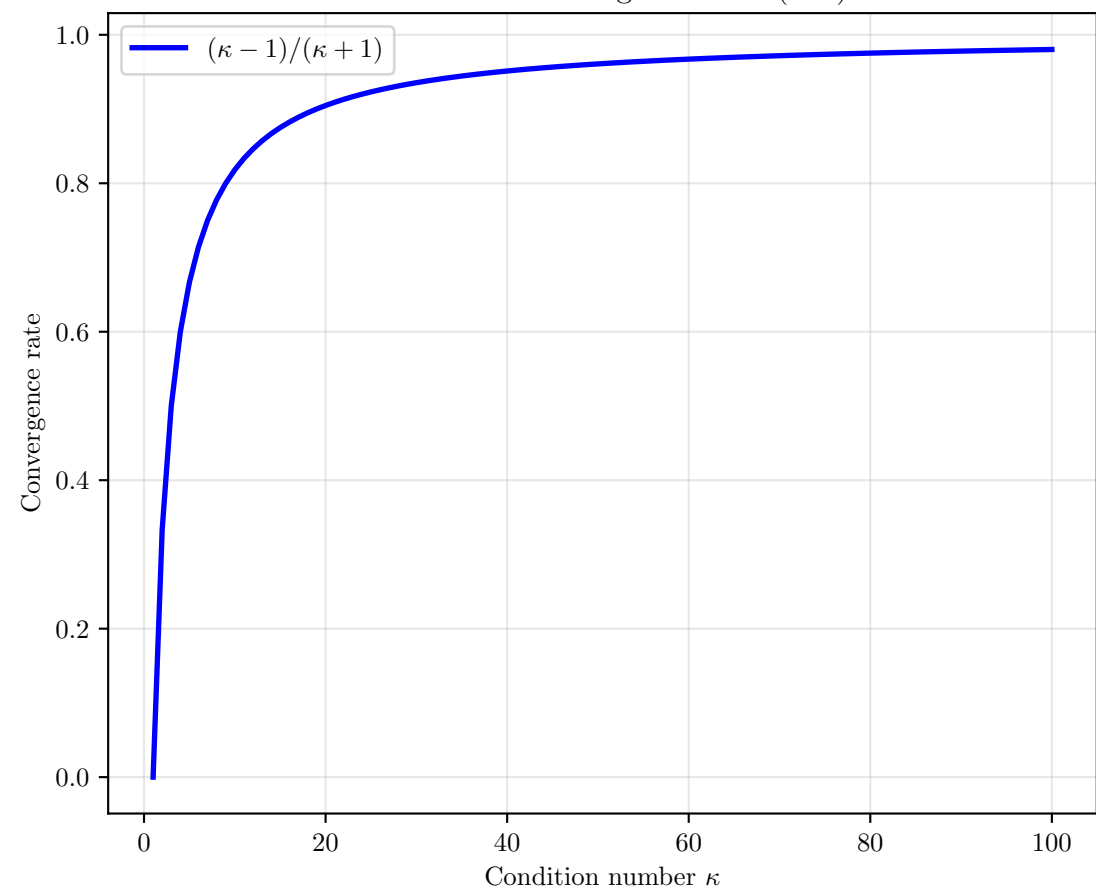
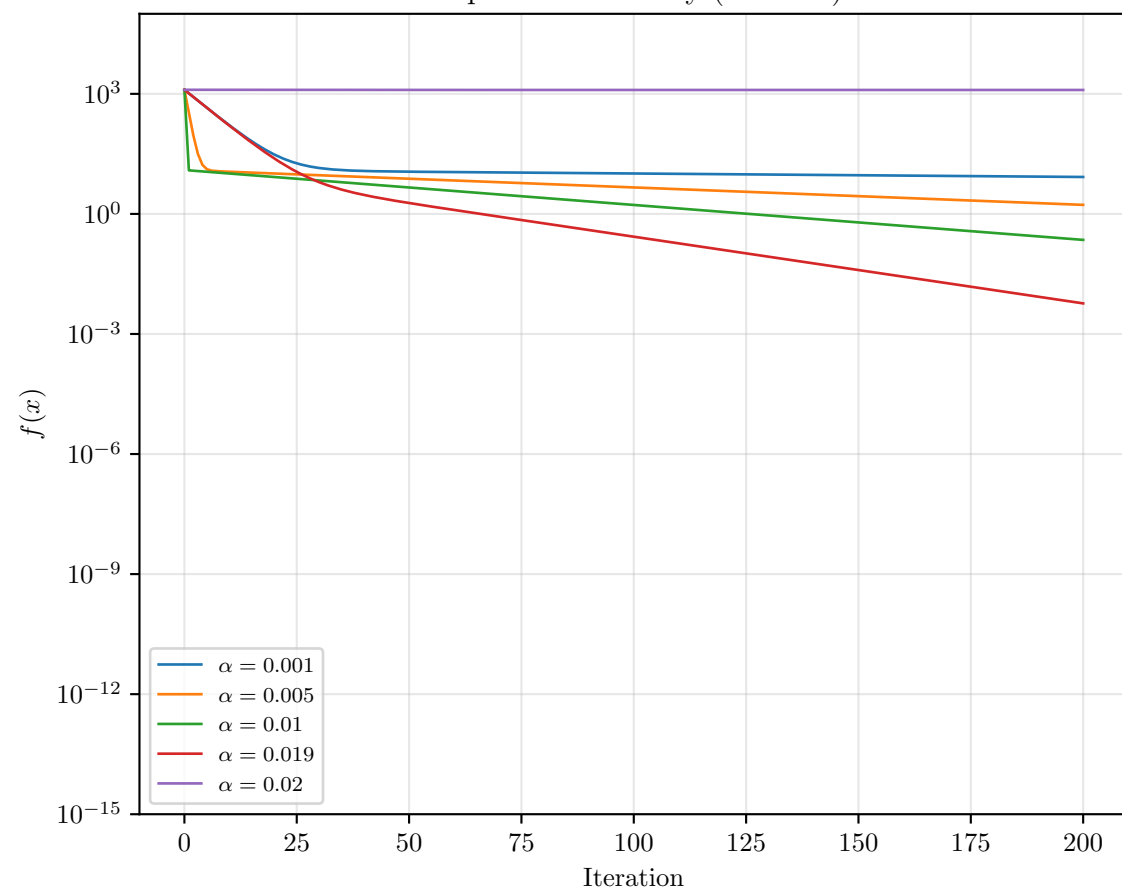


Effect of Condition Number (optimal α)

Theoretical Convergence Rate (GD)

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