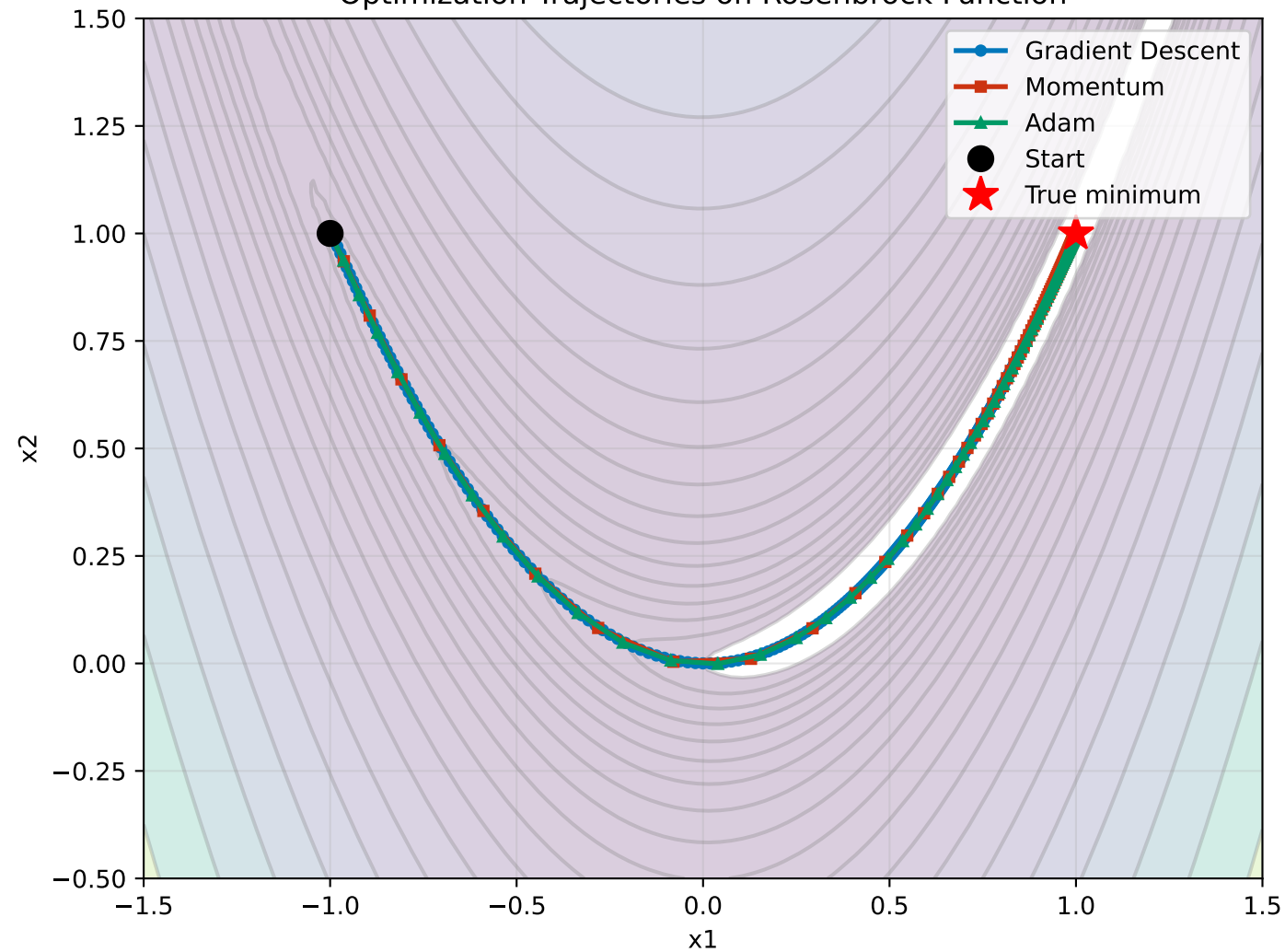
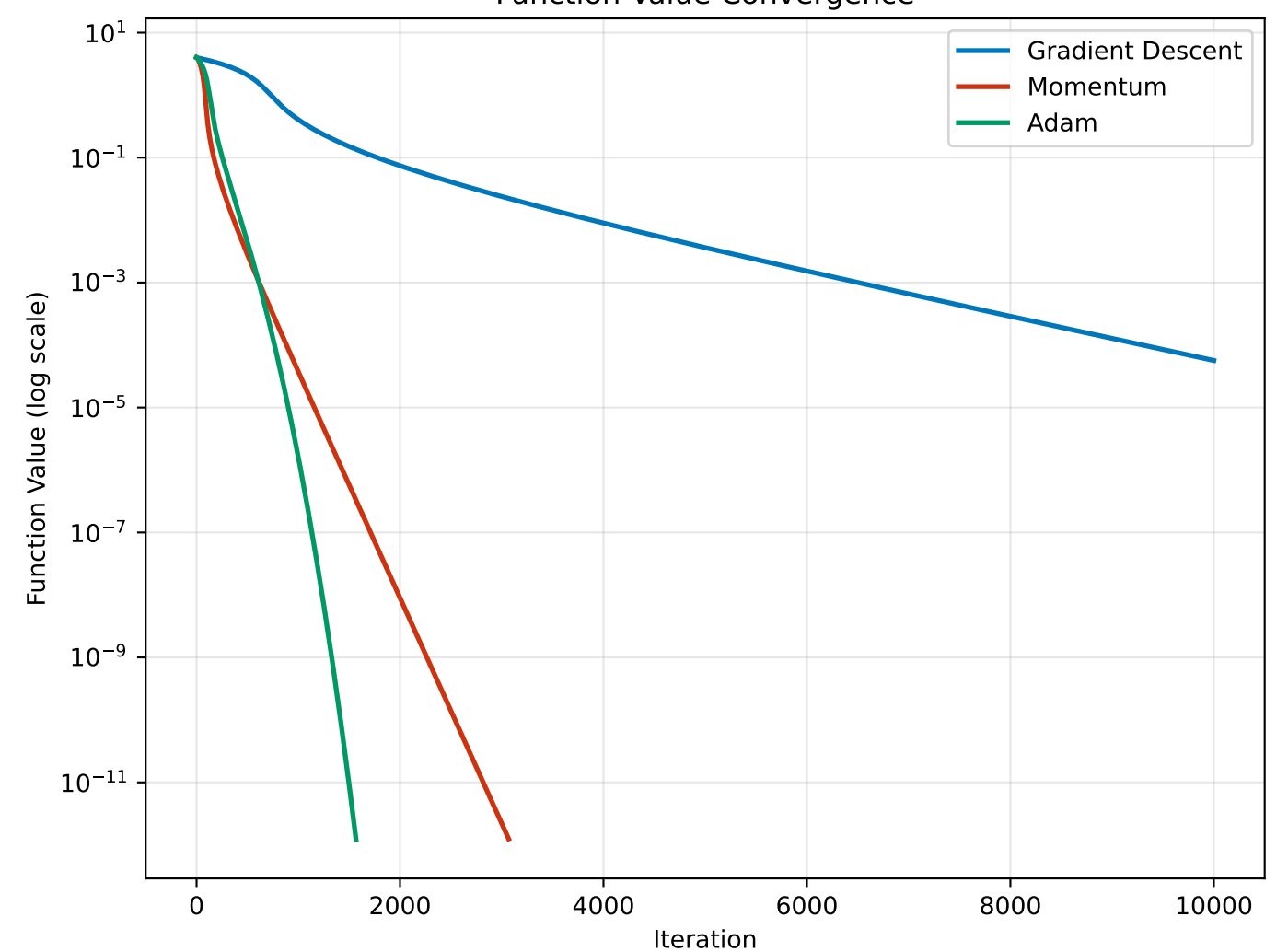


Gradient-Based Optimization Algorithms: Convergence Analysis

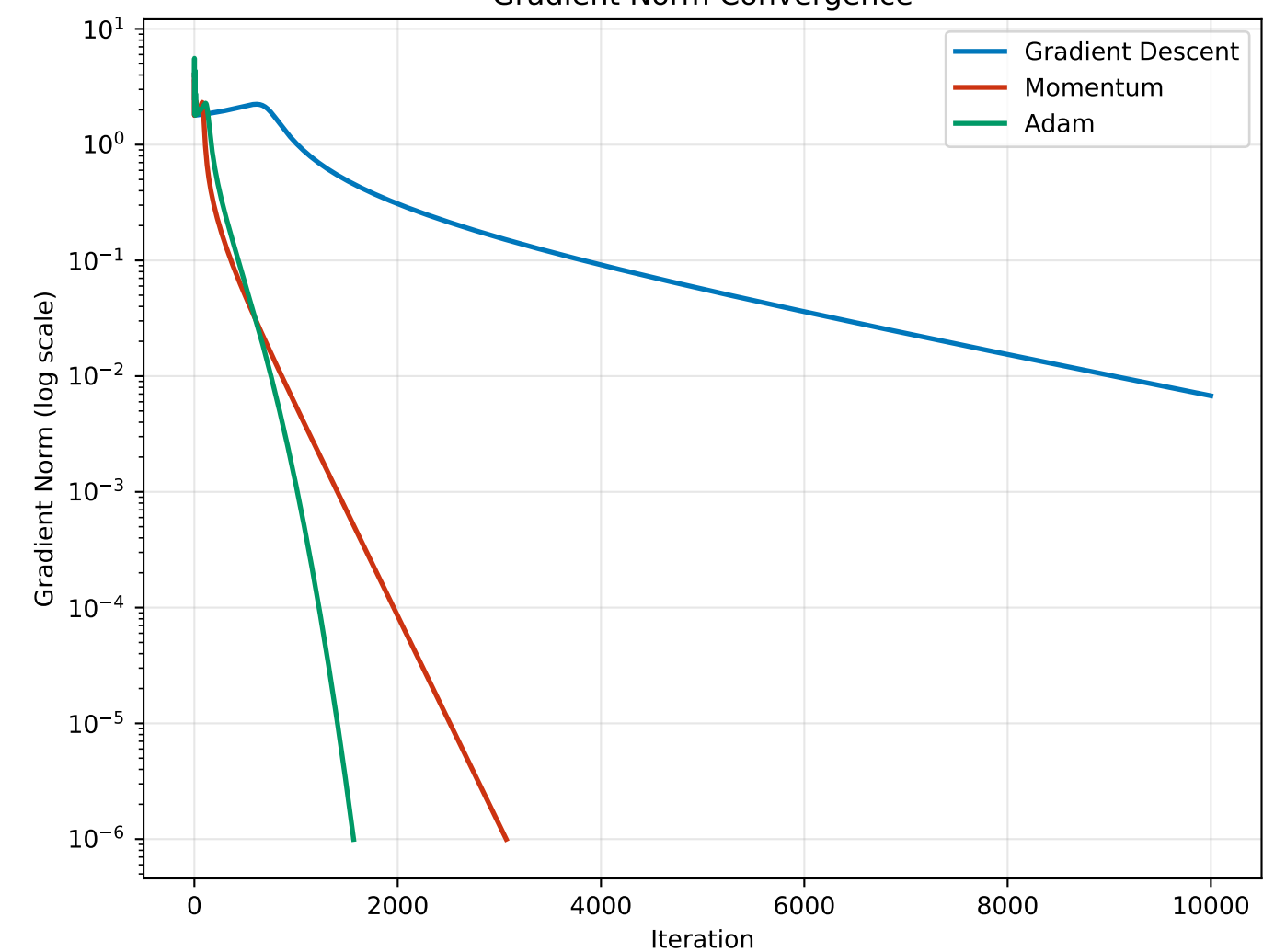
Optimization Trajectories on Rosenbrock Function



Function Value Convergence



Gradient Norm Convergence



Algorithm Performance Comparison

