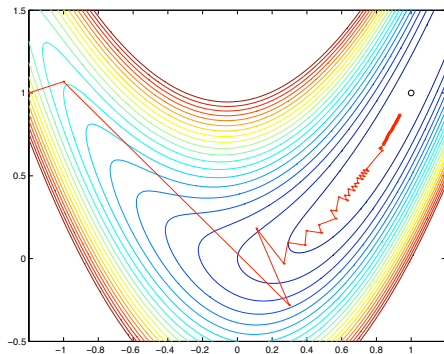
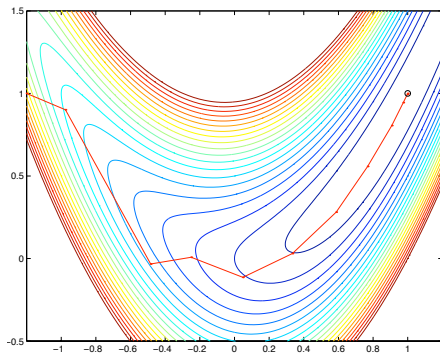


# Poor Convergence of Steepest Descent

Objective function  $f(x_1, x_2) = 10(x_2 - x_1^2)^2 + (x_1 - 1)^2$  (Rosenbrock Function)



Steepest descent



Newton's method