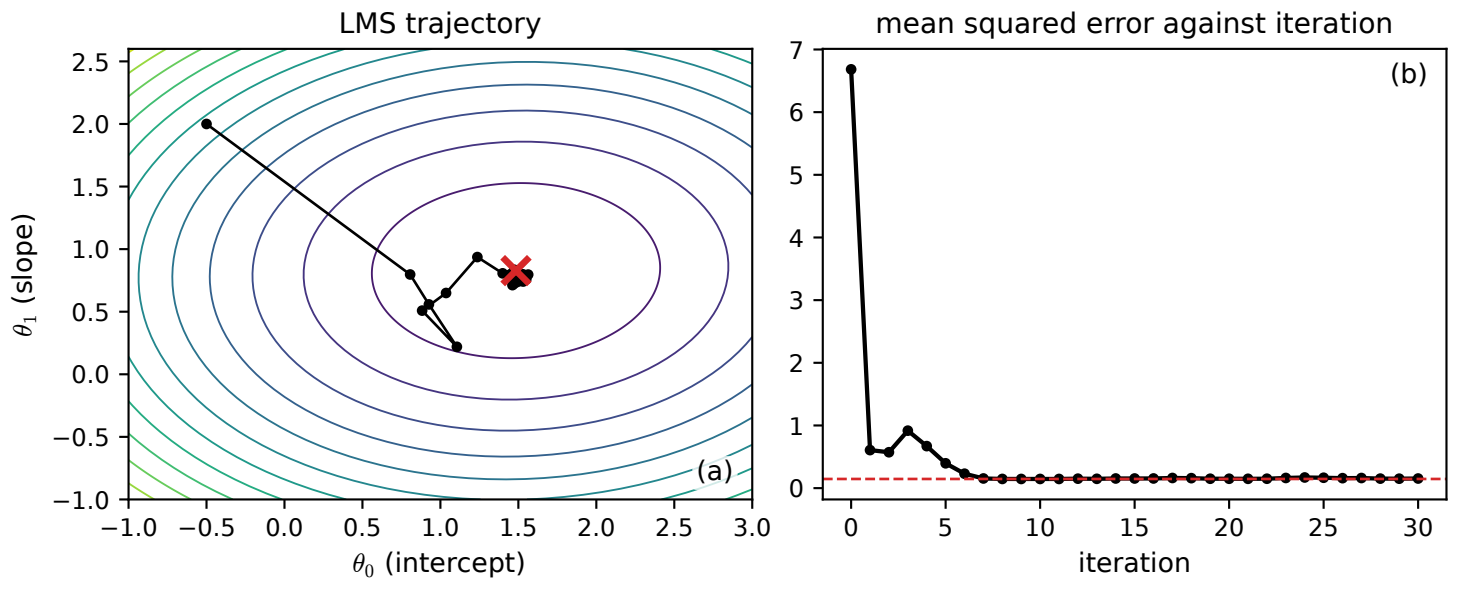

LMS trajectory
mean squared error against iteration
(a)
(b)
θ_1 (slope)
θ_0 (intercept)
iteration
2.5
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
7
6
5
4
3
2
1
0
0
5
10
15
20
25
30