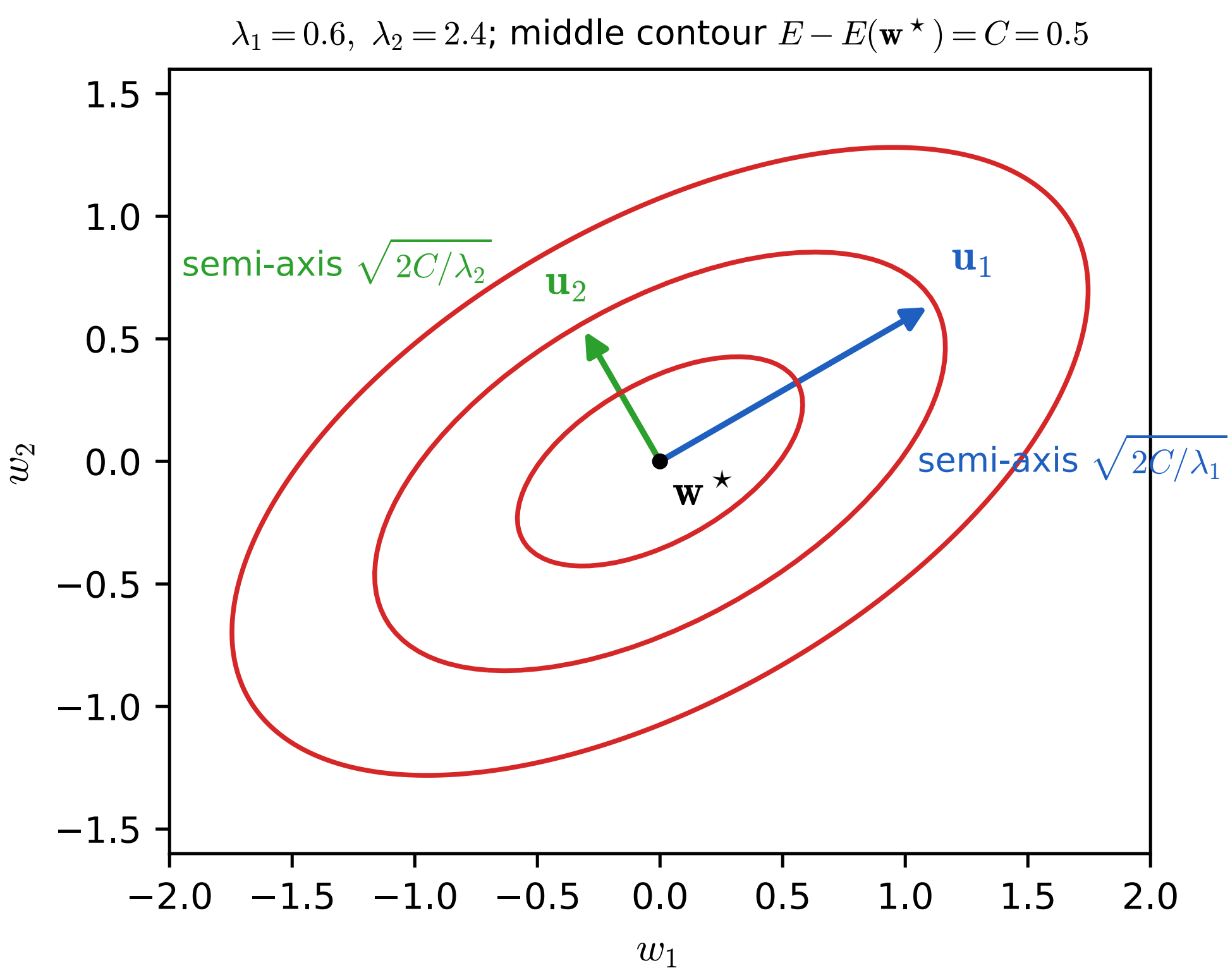

$\lambda_1 = 0.6,\ \lambda_2 = 2.4$; middle contour $E - E(\mathbf{w}^\star) = C = 0.5$
semi-axis $\sqrt{2C/\lambda_2}$
$\mathbf{u}_2$
$\mathbf{u}_1$
semi-axis $\sqrt{2C/\lambda_1}$
$\mathbf{w}^\star$
w_1
w_2
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0