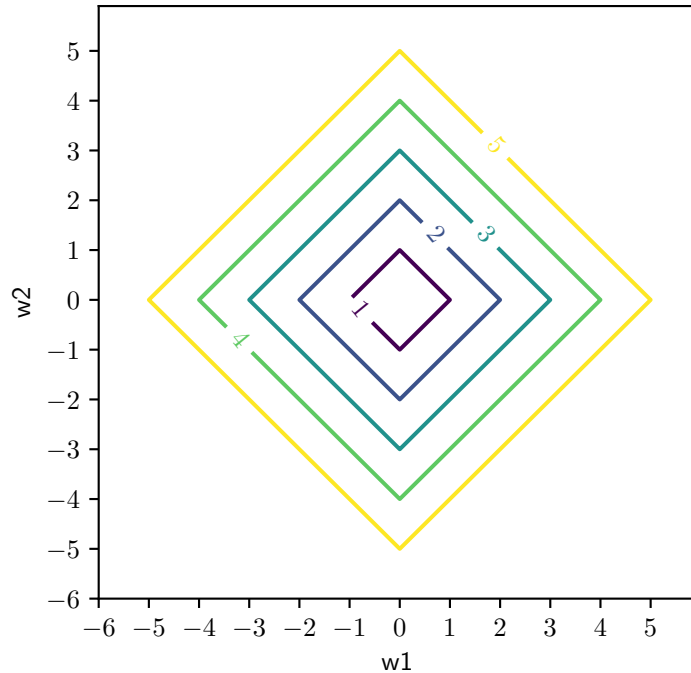
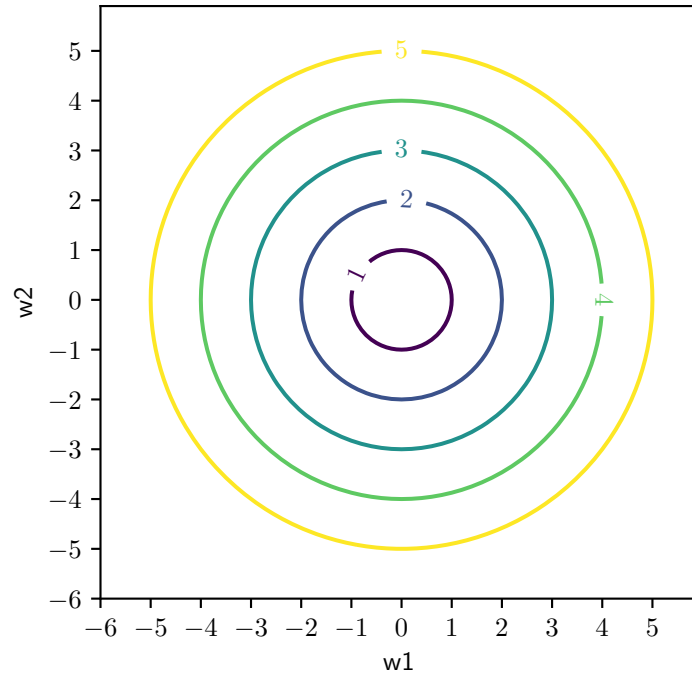


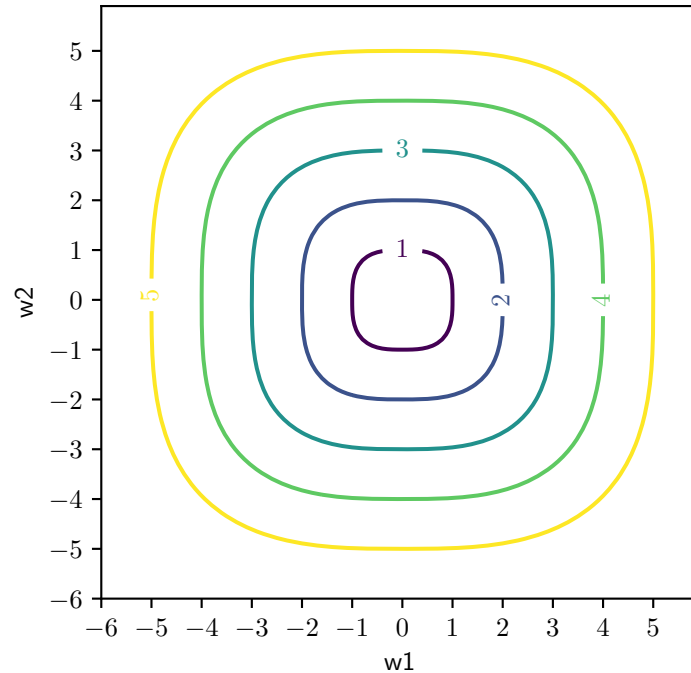
Level sets for 1-norm  $\|w\|_1 = |w_1| + |w_2|$



Level sets for 2-norm  $\|w\|_2 = (|w_1|^2 + |w_2|^2)^{0.5}$



Level sets for 3-norm  $\|w\|_3 = (|w_1|^3 + |w_2|^3)^{0.33}$



Level sets for inf-norm  $\|w\|_{inf} = \max(|w_1|, |w_2|)$

