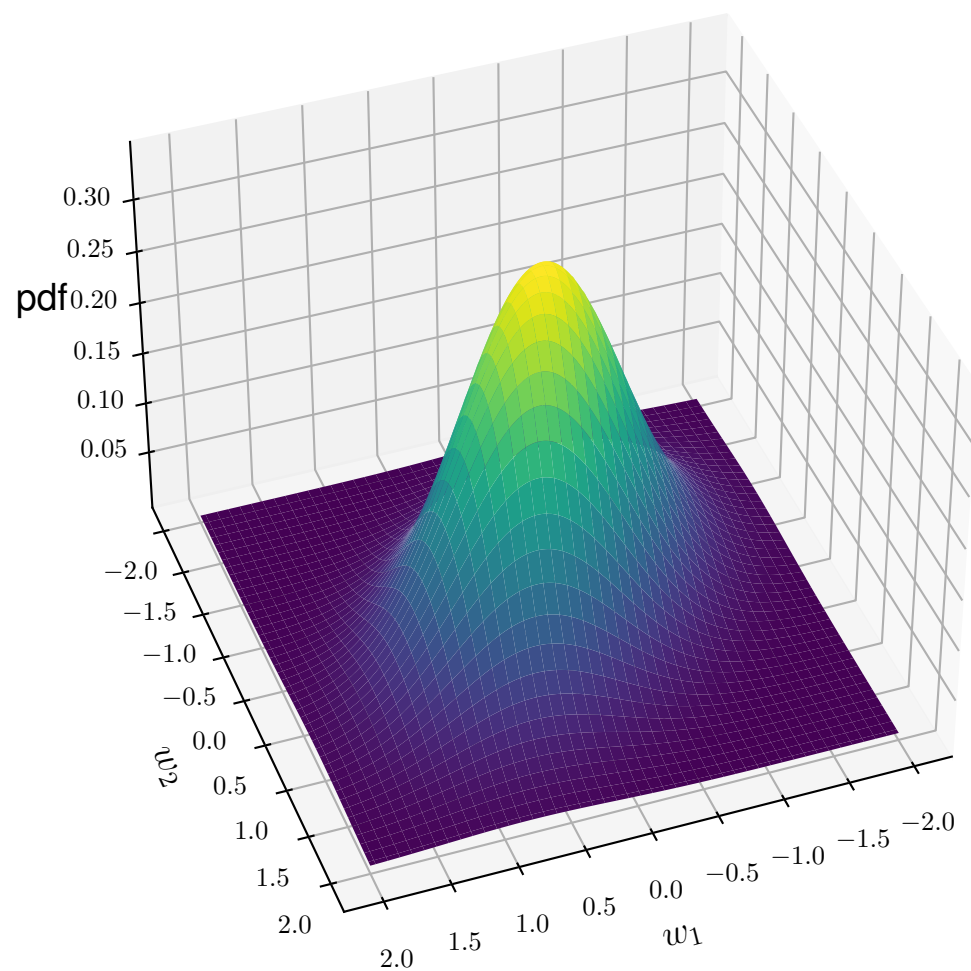
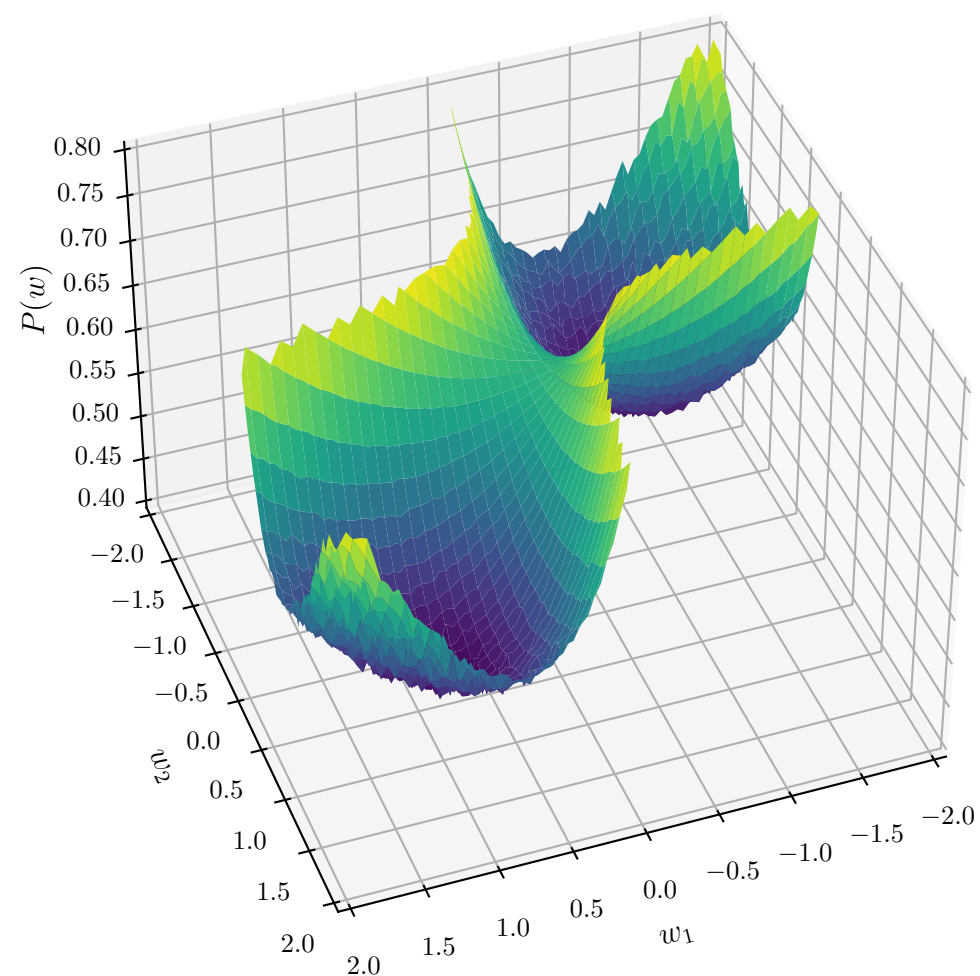
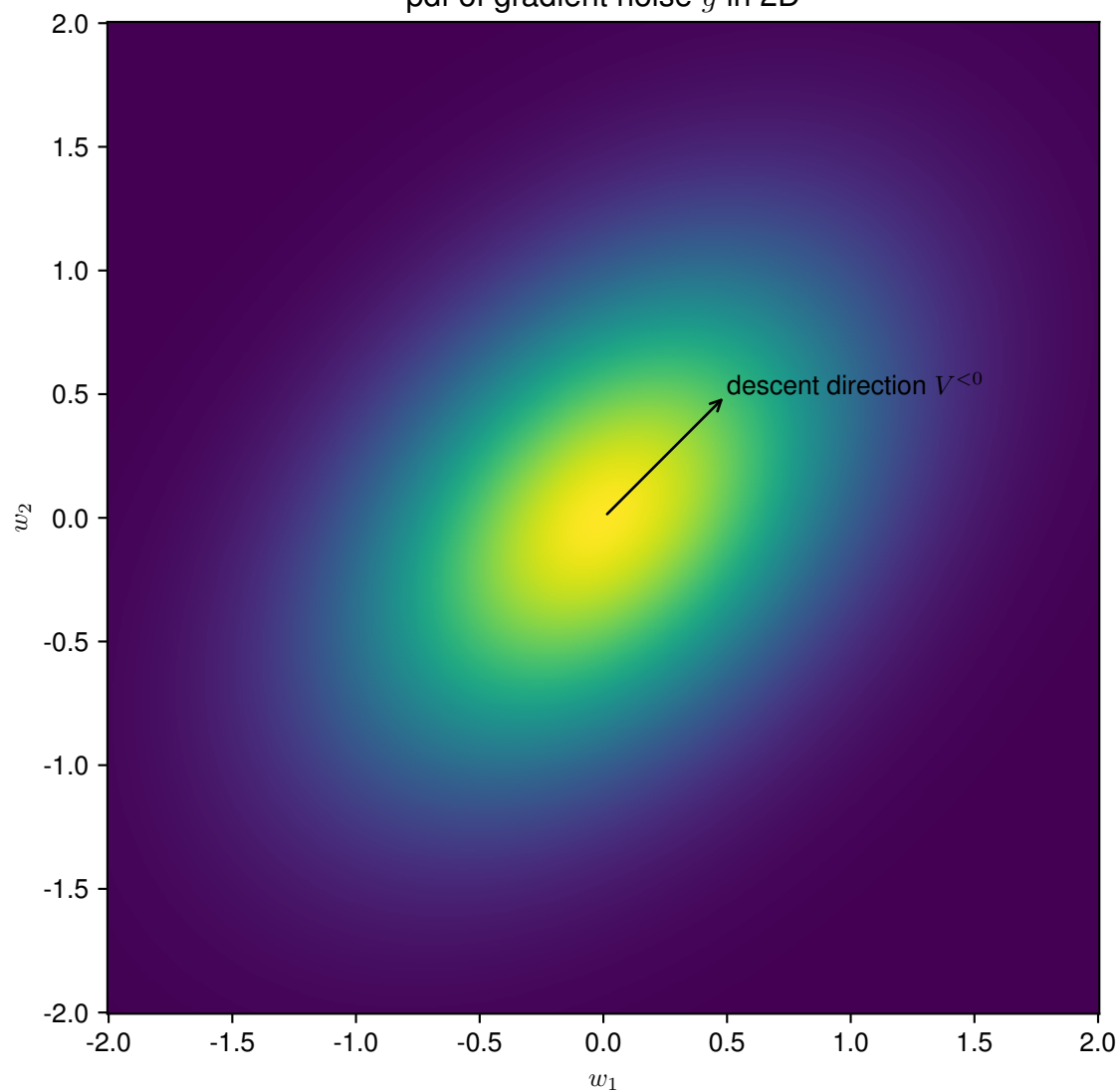


pdf of gradient noise  $g$  in 3Drisk  $P(w)$  with saddle point at location  $w = 0$  (3D)pdf of gradient noise  $g$  in 2Drisk  $P(w)$  in 2D with descent direction  $V^{<0}$ 