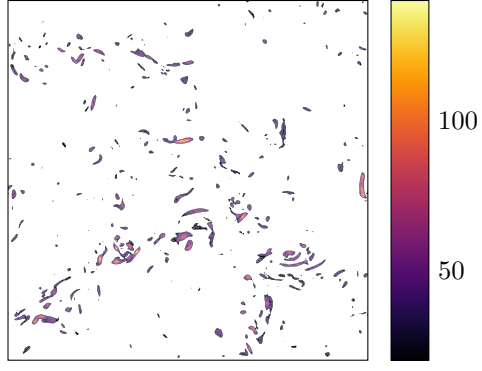
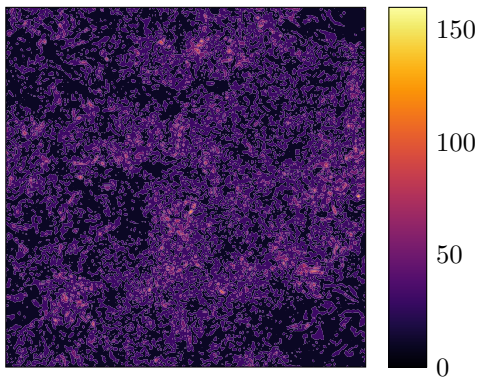


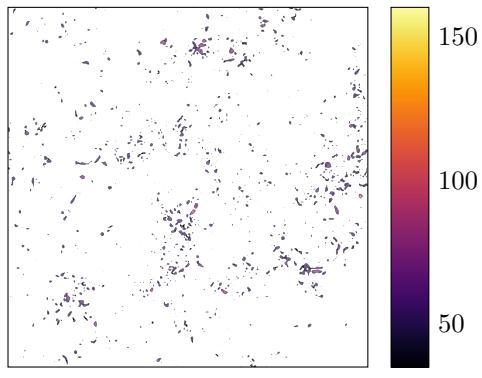
(a)  $\|\omega\|_2, \quad s = 1$



(b)  $\|\omega\|_2 > \langle \|\omega\|_2 \rangle_\Omega + 2\sigma(\|\omega\|_2), \quad s = 1$



(c)  $\|\omega\|_2, \quad s = 4$



(d)  $\|\omega\|_2 > \langle \|\omega\|_2 \rangle_\Omega + 2\sigma(\|\omega\|_2), \quad s = 4$