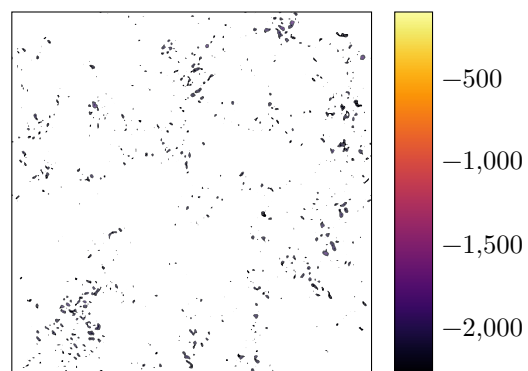
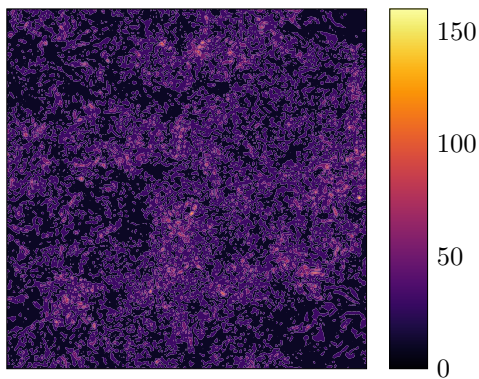


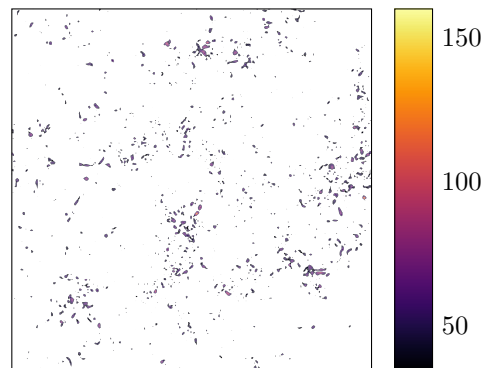
(a) G^2



(b) $G^2 < \langle G^2 \rangle_\Omega - 2\sigma(G^2)$



(c) $\|\omega\|_2$



(d) $\|\omega\|_2 > \langle \|\omega\|_2 \rangle_\Omega + 2\sigma(\|\omega\|_2)$