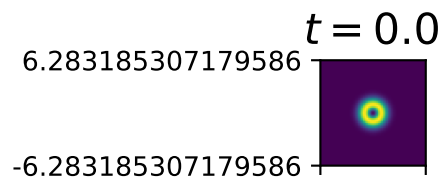


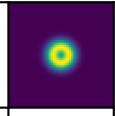
BKW solution ($C = 0.31$)

Trained for 5000 epochs

Ground truth

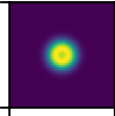


$t = 1.0$



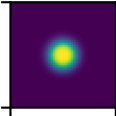
This plot shows the ground truth solution at $t = 1.0$. The sharp peak has begun to diffuse, appearing slightly more spread out compared to $t = 0.0$.

$t = 2.0$



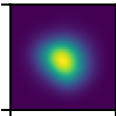
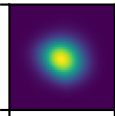
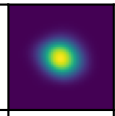
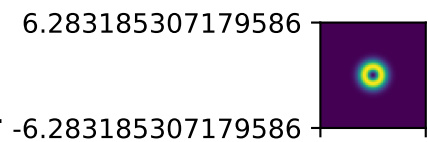
This plot shows the ground truth solution at $t = 2.0$. The peak is significantly more diffuse and spread out across the domain.

$t = 3.0$



This plot shows the ground truth solution at $t = 3.0$. The peak is very diffuse and spread out, with the intensity concentrated in a broad, low-intensity region.

opPINN



PINN (ours)

