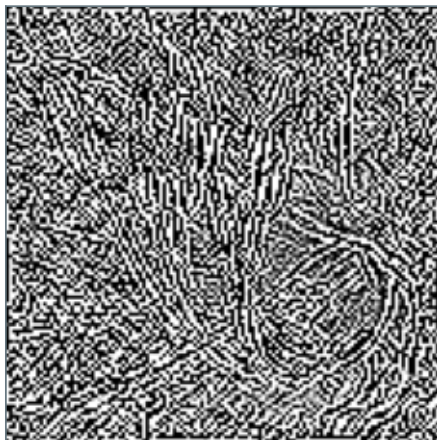


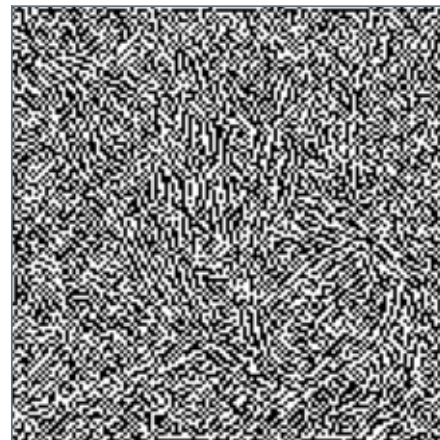
$t = 0.0002$



$t = 0.0004$

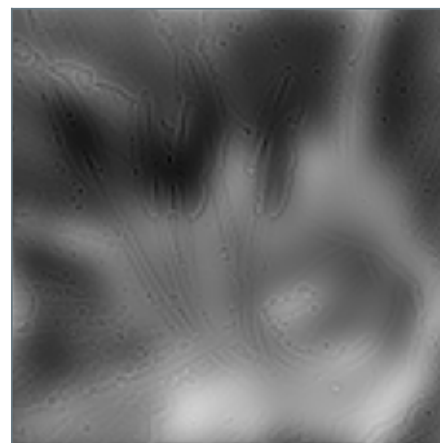
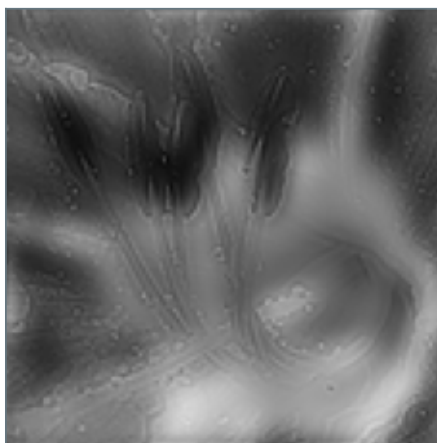
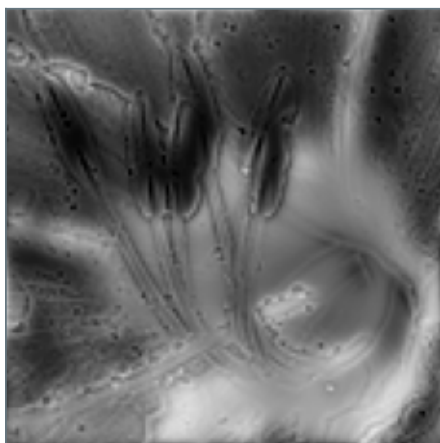


$t = 0.0006$

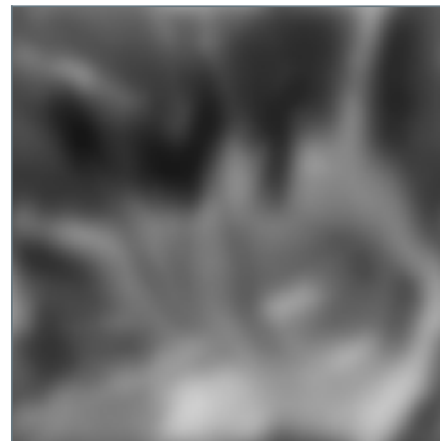
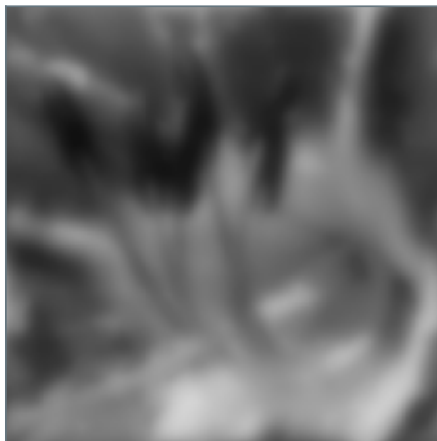
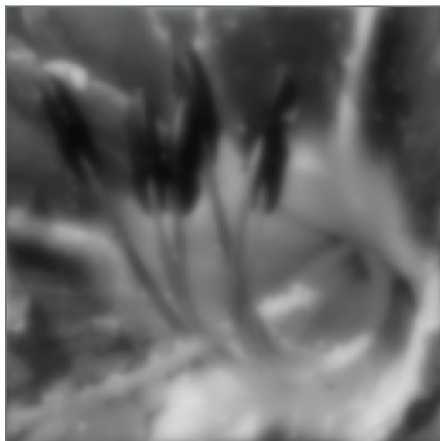


Explicit:  $\theta = 0$

Crank–Nicolson:  $\theta = 1/2$



Backward Euler:  $\theta = 1$



range [0.036, 0.86]

range [0.064, 0.83]

range [0.088, 0.81]