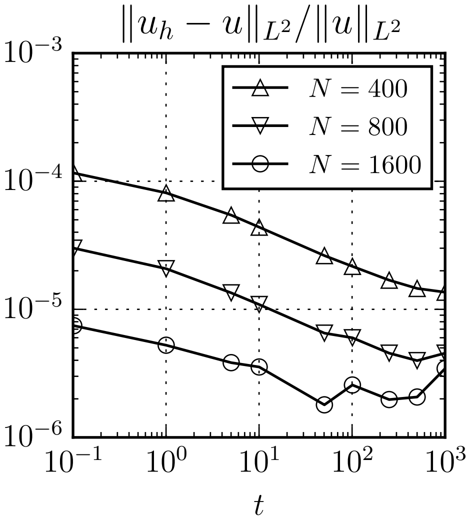$\|u_h - u\|_{L^2} / \|u\|_{L^2}$
$N = 400$
$N = 800$
$N = 1600$
10^{-3}
10^{-4}
10^{-5}
10^{-6}
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
t