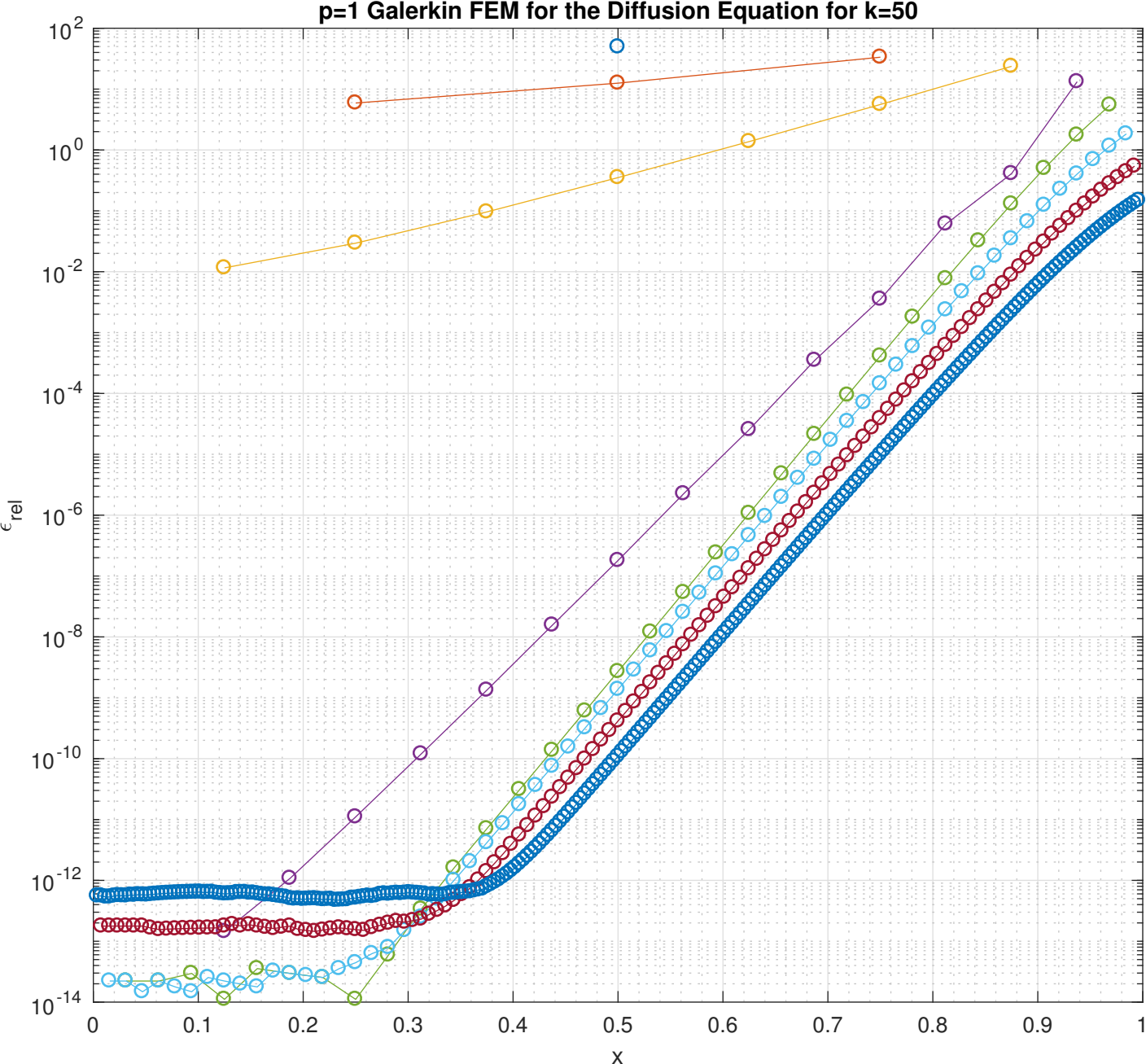
p=1 Galerkin FEM for the Diffusion Equation for k=50
10^{2}
10^{0}
10^{-2}
10^{-4}
10^{-6}
10^{-8}
10^{-10}
10^{-12}
10^{-14}
ϵ_{rel}
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1
x