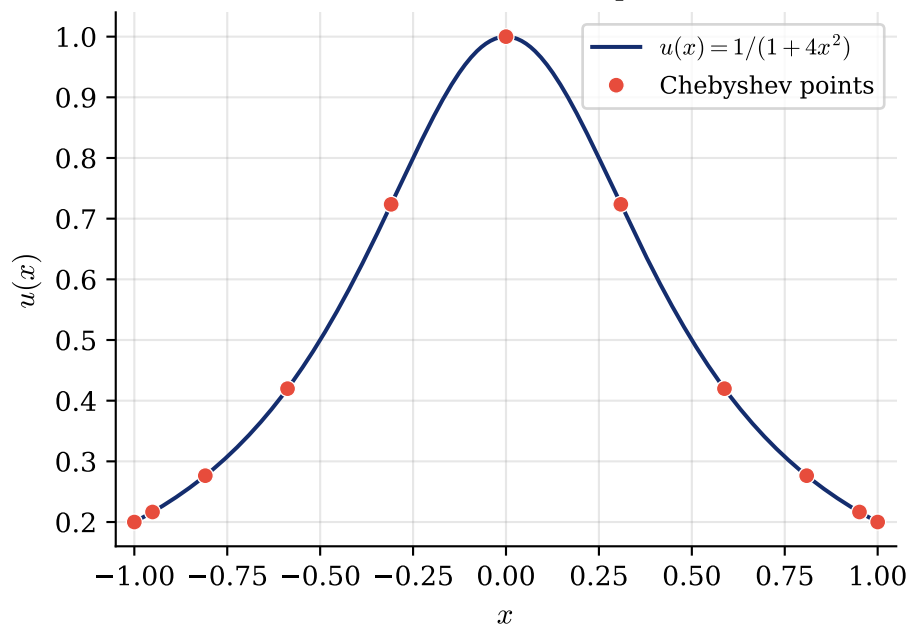
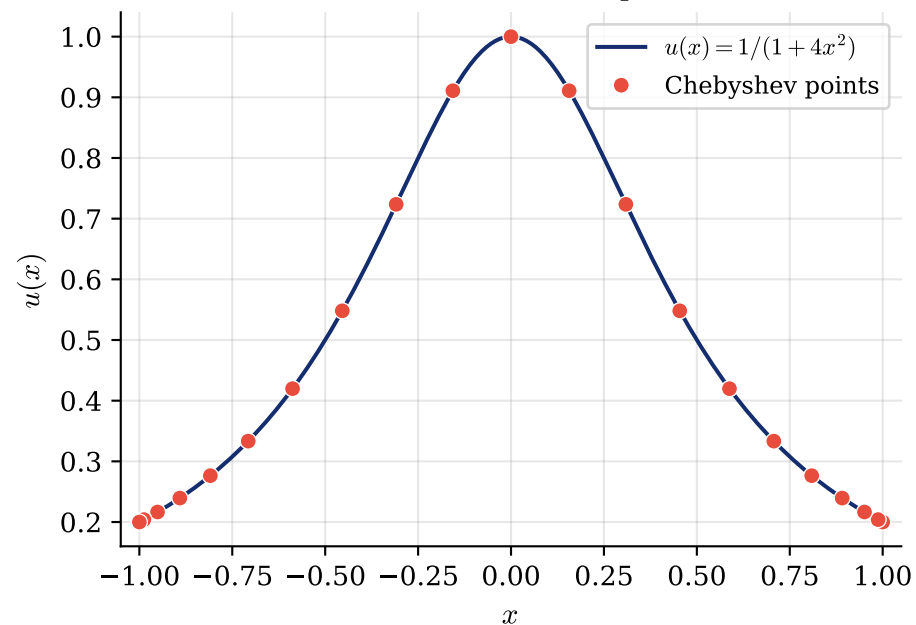


Chebyshev Differentiation of $u(x) = 1/(1 + 4x^2)$ (Witch of Agnesi)

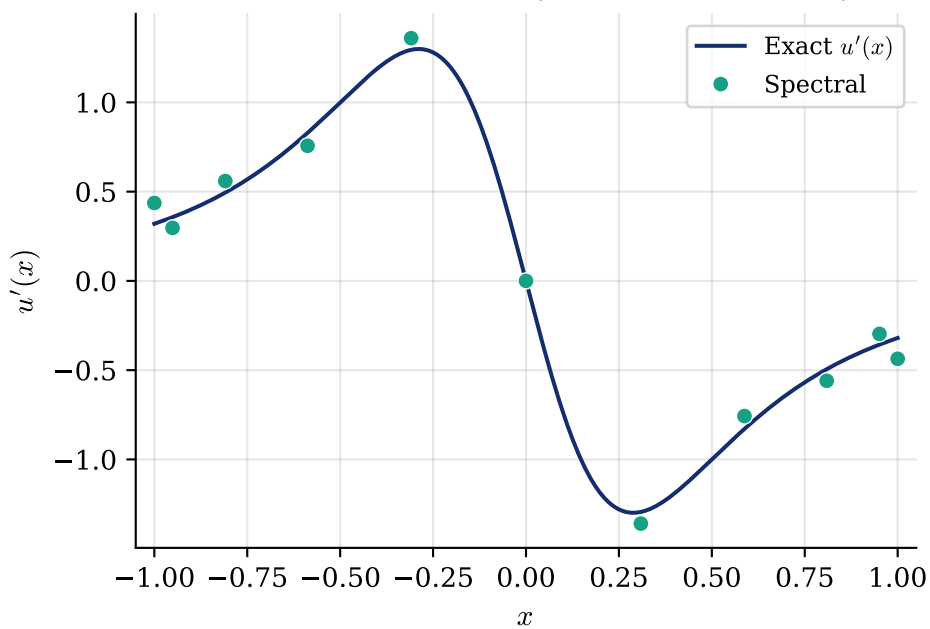
Function with $N=10$ points



Function with $N=20$ points



Derivative with $N=10$ (max error: 1.16e-01)



Derivative with $N=20$ (max error: 1.89e-03)

