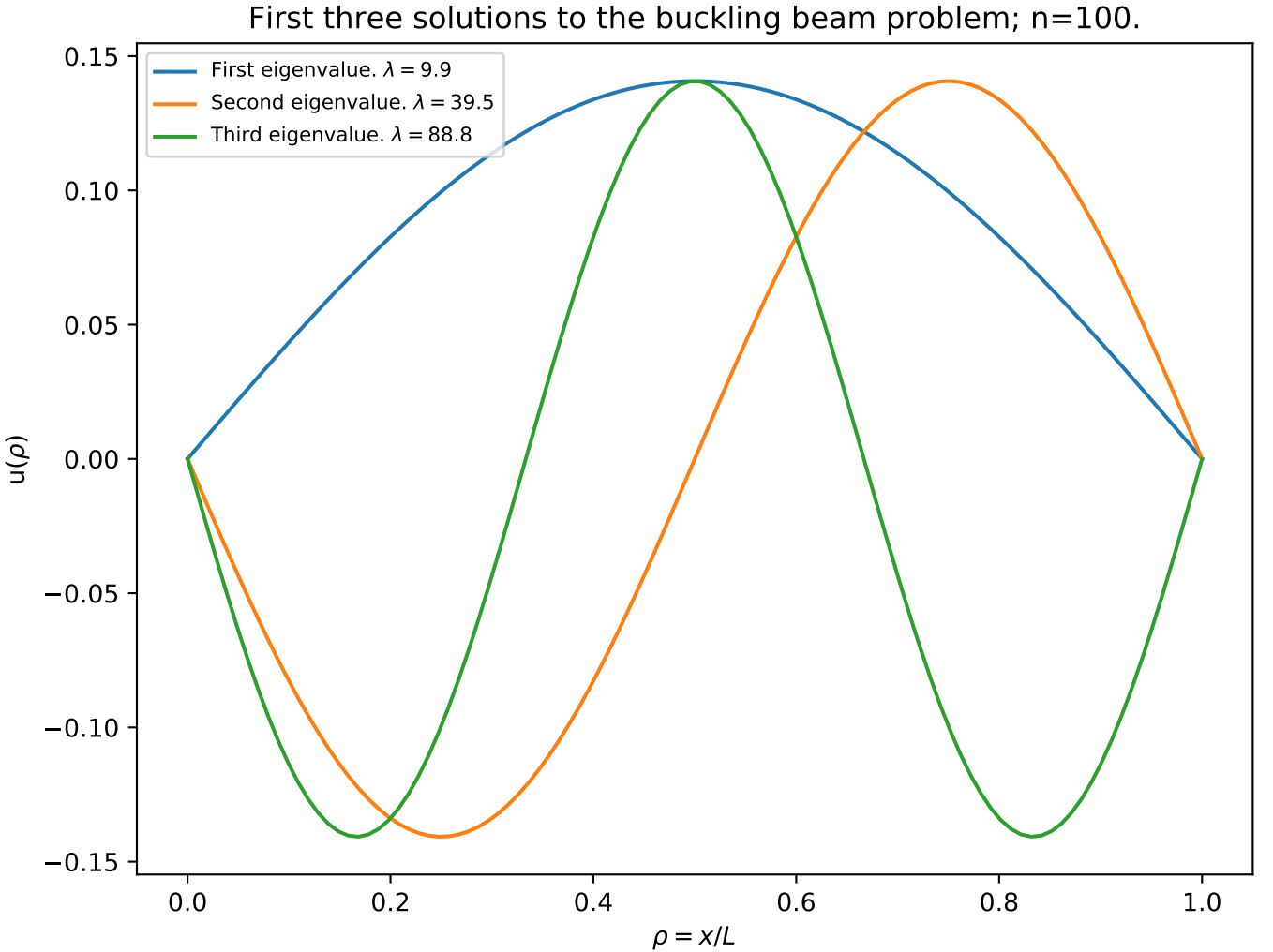
First three solutions to the buckling beam problem; n=100.
First eigenvalue. λ = 9.9
Second eigenvalue. λ = 39.5
Third eigenvalue. λ = 88.8
0.15
0.10
0.05
0.00
−0.05
−0.10
−0.15
u(ρ)
0.0
0.2
0.4
0.6
0.8
1.0
ρ = x/L