

Computational Optimization
Laboratory 4 - 2/08/08- More Newton's Method

This lab continues lab 3. You do not have to turn it in. But you are responsible for completing it and know the material.

Download the program to do Newton's method with an exact stepsize from the course webpage (newtonexact.m). Repeat the experiments in Lab 3 using newtonexact.m and compare the results with those that you obtained for Lab 3.

Function	Start Point	method	f(x)	Iteration	time	$\ \nabla f(x)\ $
f	5	PN EN				
K	10	PN EN				
K	3	PN EN				
L	[1 2]'	PN EN				
Gen. Rosenbrock	you pick	PN EN				