

Newton's Method (p=5)

Iteration Number	Gradient Norm	Function Value
0	26909.489786636193	57568.74227426395
1	8559.146747615312	13946.831260245905
2	2730.9682193980702	3422.6520784888053
3	874.9823217815109	859.0687789913425
4	281.65920500685985	224.45297729007828
5	91.04009385323262	62.38015754035007
6	29.40844451314321	19.482083122884383
7	8.559556369859566	9.21252136893465
8	1.5806111588187577	7.8244291124991765
9	0.05519006587402884	7.760820834871707
10	6.185404719357273e-05	7.760734975371669

