

Gradient Descent (p=2)

Iteration Number	Gradient Norm	Function Value
0	41.63535686435429	90.69427951304912
1	22.107975564611102	33.58844388990197
2	8.458330877030024	17.016243703357485
3	5.918605192616898	14.56975659001894
4	2.7394851300685414	13.38234738168802
5	1.9094445355695198	13.093742045682099
6	0.9117513173147596	12.963179212781306
7	0.6247506633054593	12.927568697400433
8	0.4459249191928512	12.914847779349175
9	0.2058981668845021	12.908279380616456
10	0.14476577995714196	12.906732773747779
11	0.06836057711783801	12.906002690797251
12	0.04725694066892458	12.90581245022543
13	0.022875546477257237	12.90572998098572
14	0.015523794770788357	12.905706346012899
15	0.01099721672247473	12.905698018543884
16	0.005135478925786571	12.905693915155886
17	0.0035800353442157983	12.90569289633236
18	0.0017118943304249472	12.905692436437196
19	0.00117235197503996	12.905692310443662
20	0.0008364069765330435	12.905692265475997
21	0.00038648316653820474	12.905692242327962
22	0.00027158640868598234	12.905692236858021
23	0.0001283507384082397	12.90569223428358
24	8.867390193004231e-05	12.905692233610504