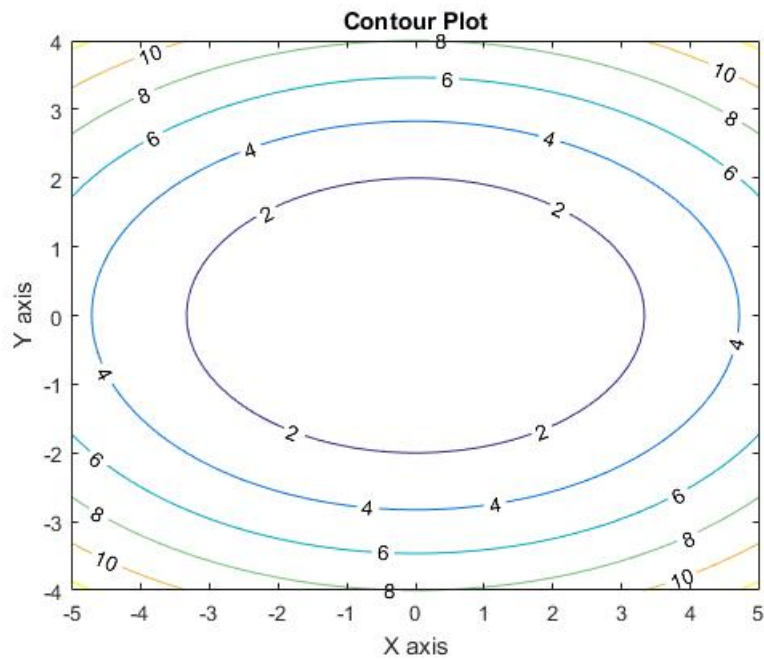


CH5170-Class Work

AAKASH R -ME14B149

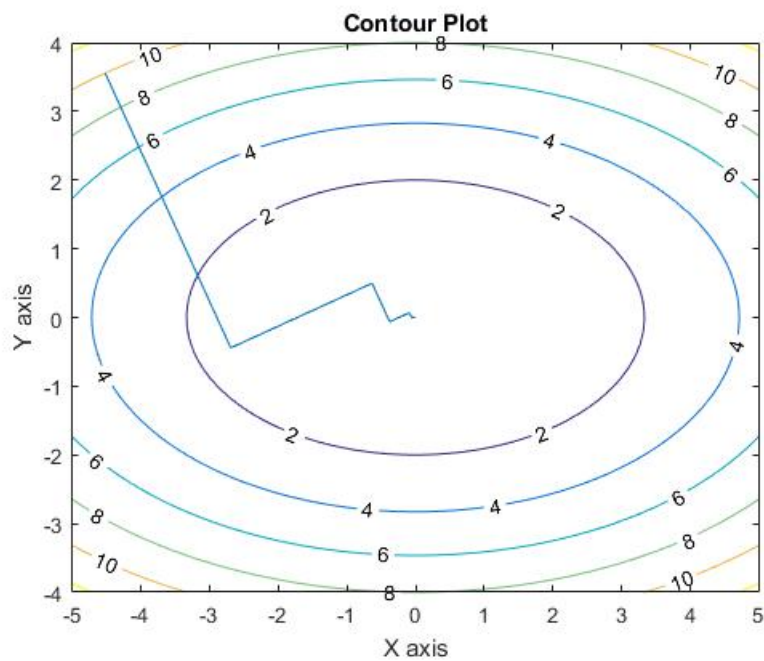
September 22, 2016

Problem



Steepest descent solution

Geometric Interpretation



Values of X for few iterations

x_1	x_2
-4.5200	3.5600
-2.6904	-0.4427
-0.6323	0.4980
-0.3764	-0.0619
-0.0885	0.0697
-0.0527	-0.0087
-0.0124	0.0097
-0.0074	-0.0012
-0.0017	0.0014
-0.0010	-0.0002
-0.0002	0.0002
-0.0001	-0.0000