Lab2 Machine Learning

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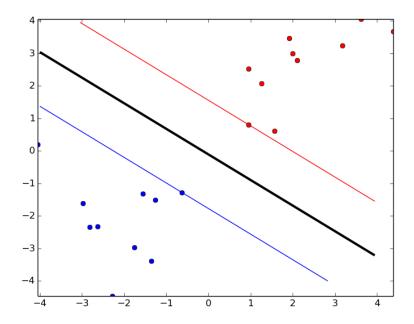
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1 Seed: 1625196557218803968, EZ-MODE, Class A mean=-2, std=1, Class B mean=2, std=1

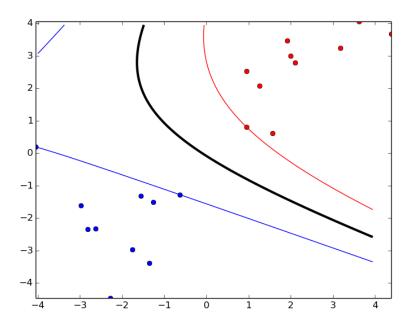
Fakking ez even linear can do this shit

1.1 Linear



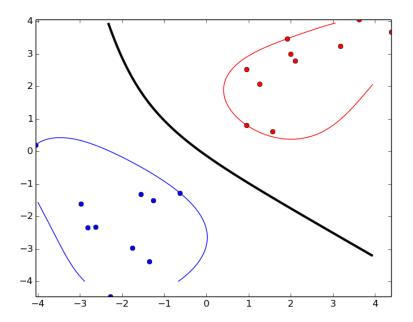
1.2 Polynomial

p=2



1.3 Radial

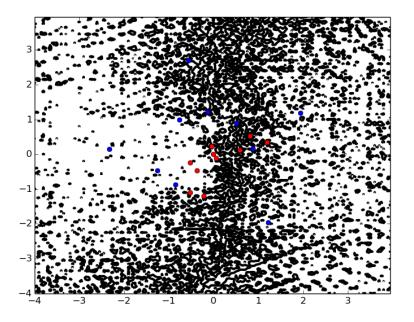
 $sigma{=}2$



${\bf 2}\quad {\bf Seed:}\ {\bf 1625196557218803968},\ {\bf default\ values}$

This is the default values given by the lab instructions.

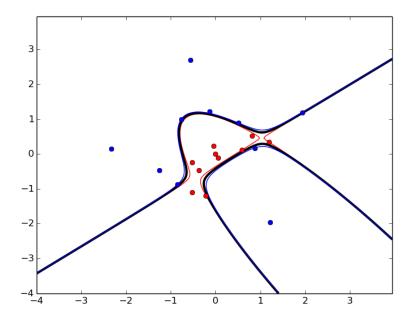
2.1 Linear



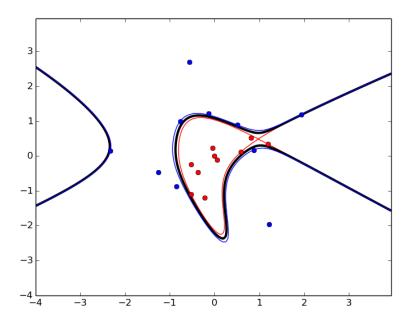
2.2 Polynomial

p=2 resulted in no optimal solution.

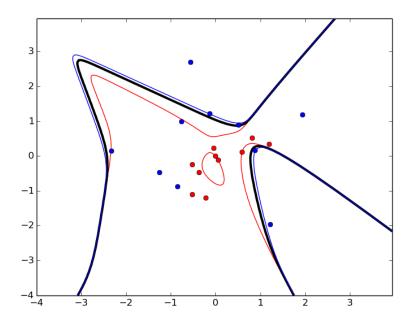
p = 3



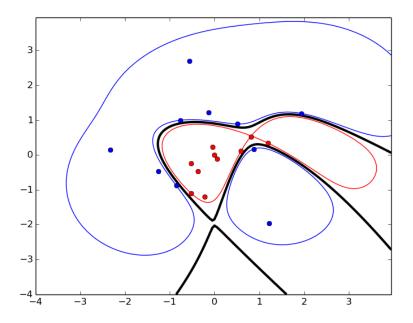
p = 4

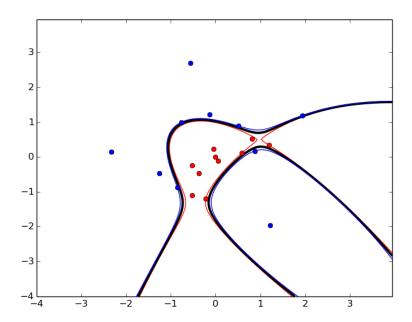


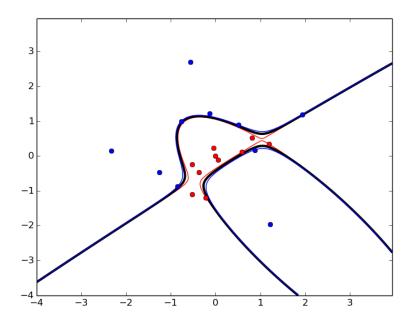
p=15



2.3 Radial







3 Seed: 1625196557218803968, no difference in position for class A and B, mean=origo, std=1

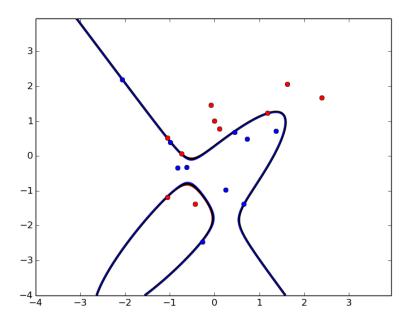
3.1 Linear

The linear solver could not solve.

3.2 Polynomial

The polynomial solver could solve when p=3, but not earlier.

p = 3



3.3 Radial

Radial is badass and can do anything.

s = 0.5

