



Question 5(b): the fitted function, 19 basis functions, gamma 10-9

10.0

7.5

5.0

2.5

-5.0

-7.5

0

1

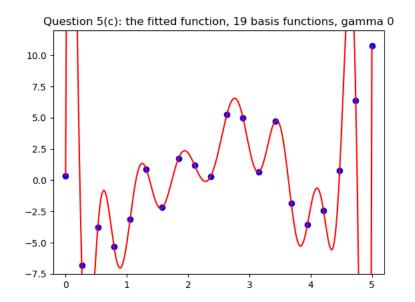
2

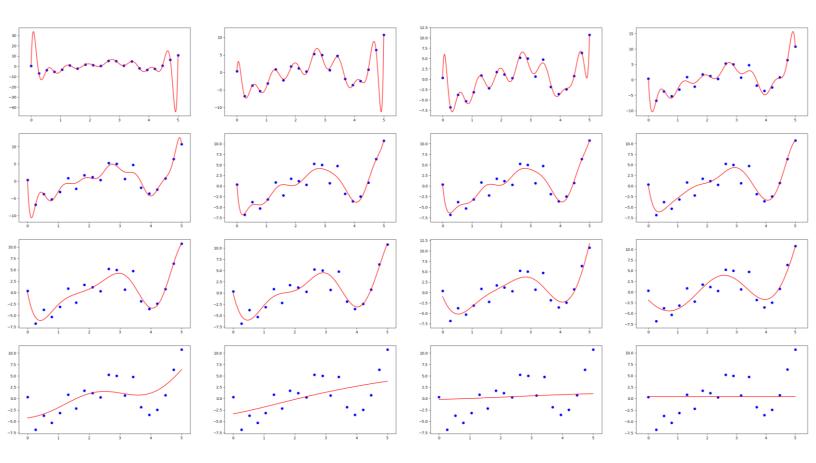
3

4

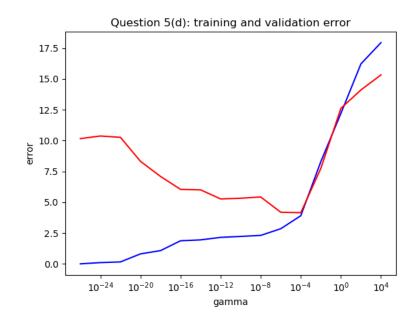
5



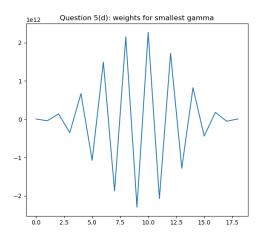


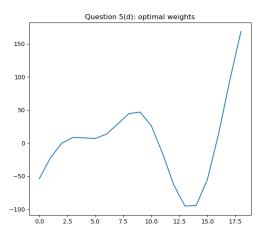


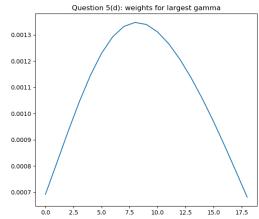




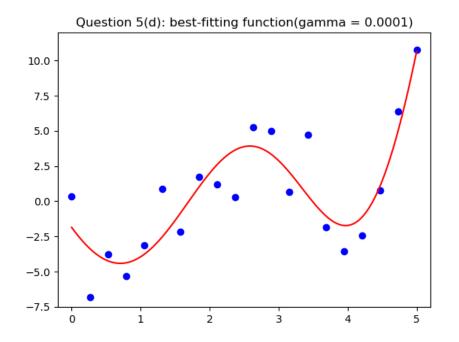
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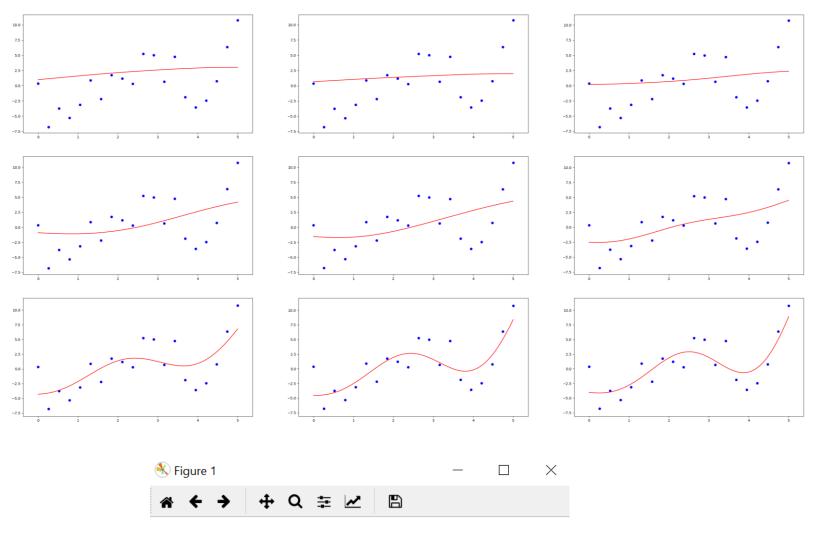


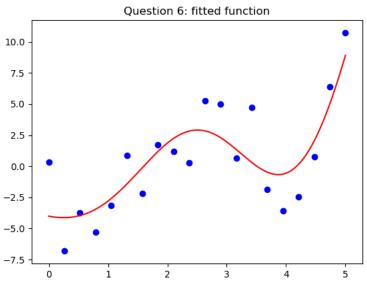














Question 6: training and test error v.s. iterations

25 - 20 - 15 - 10 - 5 - 500000 1000000 1500000 2000000 2500000 3000000 number of iterations



