Deep Learning & Applied AI

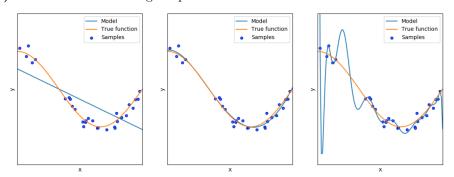
April 26, 2023

 $Your\ name:$

 $Your\ matr.\ number:$

Question 1 (3 points) Prove or disprove: deep ReLU networks are linear.

Question 2 (5 points) Consider the following 2D plots:



These capture three different phenomena – which ones? Please explain to the best of your understanding.



