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Instructor: Qiu Problem1\_writeup

Estimated Functions:

$$Y1 = 21.99190792x + 92.70531403$$

$$Y2 = -1.15834068x^2 + 22.60822925x + 100.79905593$$

$$Y3 = 1.66680649x^3 - 1.19334469x^2 + 0.39581103x + 100.43721865$$

$$Y4 = 1.66680649x^4 - 1.19334469x^3 + 0.39581103x^2 + 100.43721865$$

$$Y5 =$$

```
[array([.]), array([.]), array([.]), array([-1.43365571e-02, 1.66770942e+00, -9.05694362e-01, 3.39499592e-01,
9.97620446e+01]), array([-2.31737037e-02, -1.96196620e-02, 2.27429003e+00, -8.64397166e-01,
-2.65996605e+00, 9.94138526e+01])]
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