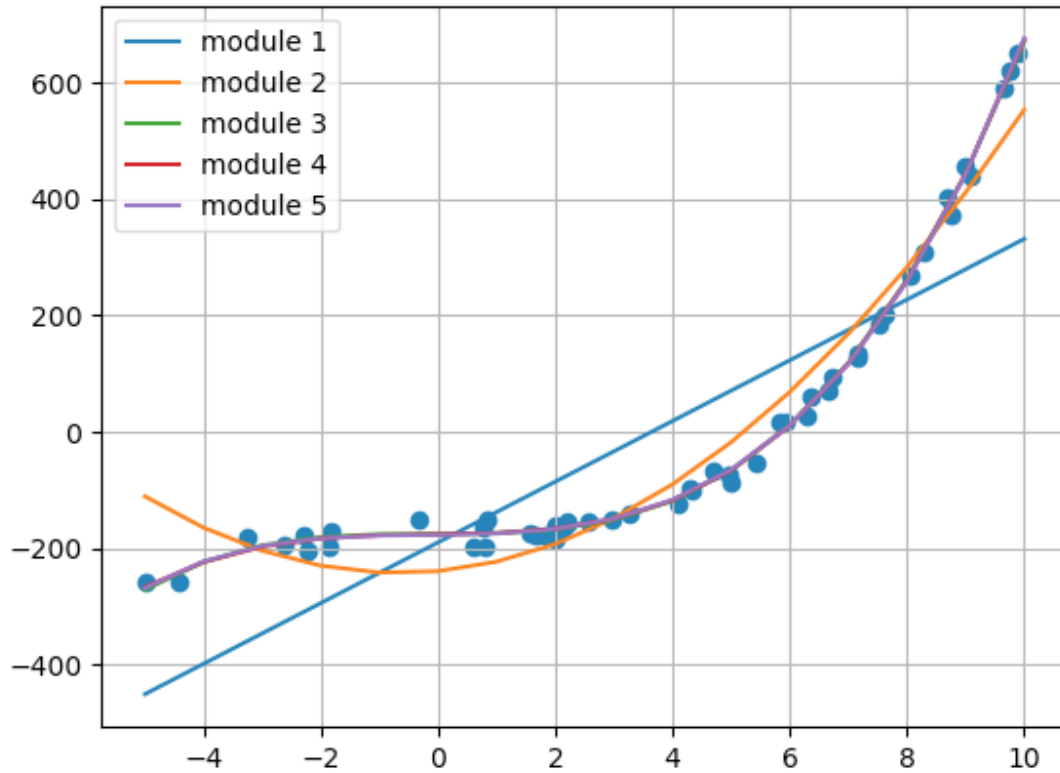


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Estimated Functions:

$$Y1(x) = 52.158x - 189.866$$

$$Y2(x) = 7.002x^2 + 9.304x - 239.334$$

$$Y3(x) = 8.201x^3 + 0.252x^2 - 0.010x - 175.277$$

$$Y4(x) = 5.988 \times 10^{-3}x^4 + 7.552 \times 10^{-1}x^3 + 2.346 \times 10^{-1}x^2 + 1.176x - 175.88$$

$$Y5(x) = 8.531 \times 10^{-4}x^5 - 4.698 \times 10^{-3}x^4 + 7.528 \times 10^{-1}x^3 + 5.261 \times 10^{-1}x^2 + 9.659 \times 10^{-1}x - 176.837$$

According to the figure above, module 5 is the best fit.

$$Y5(2) = -166.827$$