

Problem Set 1 - ECON 880

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Problem 1

Problem 1a

We can evaluate the polynomial as follow:

$$\begin{aligned} f(x, y) &= 83521y^8 + 578x^2y^4 - 2x^4 + 2x^6 - x^8 \\ &= y^4(83521y^4 + 578x^2) + x^4(-2 + 2x^2 - x^4) \end{aligned}$$

Problem 1b

Problem 1c

Problem 2

Problem 3

Problem 4