Assignment-5

刘行逸

20251125

1

$$f(x) = -5x^2 + 5x$$
$$f^*(y) = \sup_{x \in \mathbb{R}} (yx - f(x))$$
$$= \sup_{x \in \mathbb{R}} (yx + 5x^2 - 5x)$$
$$= +\infty, \ (x \to +\infty)$$

Can't plot.

2

3

4