Q: Find local extrema

$$f'(x) = 0 = 7 - Sin(x) = 0$$

$$f'(x) = 6x^2 + 6x - 12$$

$$= 6(x^2 + x - 2)$$

d)
$$f(x) = 2x + e^{-x}$$
, [-5,5]
• $f'(x) = 2 - e^{-x}$

$$= \ln(2) = \ln(e^{-\kappa})$$