Wednesday, May 29, 2019 (4.6)
(1). Find The coordinates of The pont on yelux - x closest to The origen. (Use distance for anta.) $D = \left(x^2 + \left(\ln x - x \right)^2 \right)$ $= \left(x^{1} + \left((n \times - x)^{2}\right)^{1/2}$ $\left(x, \ln x - x\right)$ $\frac{10}{2x} = \frac{1}{2} \left(\frac{1}{x} + \left(\frac{1}{x} - x \right)^{1} \right)^{-1/2} \left(2x + 2 \left(\frac{1}{x} - x \right) \cdot \left(\frac{1}{x} - 1 \right) \right)$ $= \frac{x + (\ln x - x)(\frac{1}{x} - 1)}{x^{2}} = 0 \quad x = 0.632$

Wednesday, May 29, 2019 (12.61 pM) | im
$$\cos(x+\pi h)$$
 0
 $\times 70$ $\sin(x+\pi h)$ 0
 $\cos(x+\pi h)$ 0
 $\cos(x+\pi h)$ 0
 $\cos(x+\pi h)$ 0