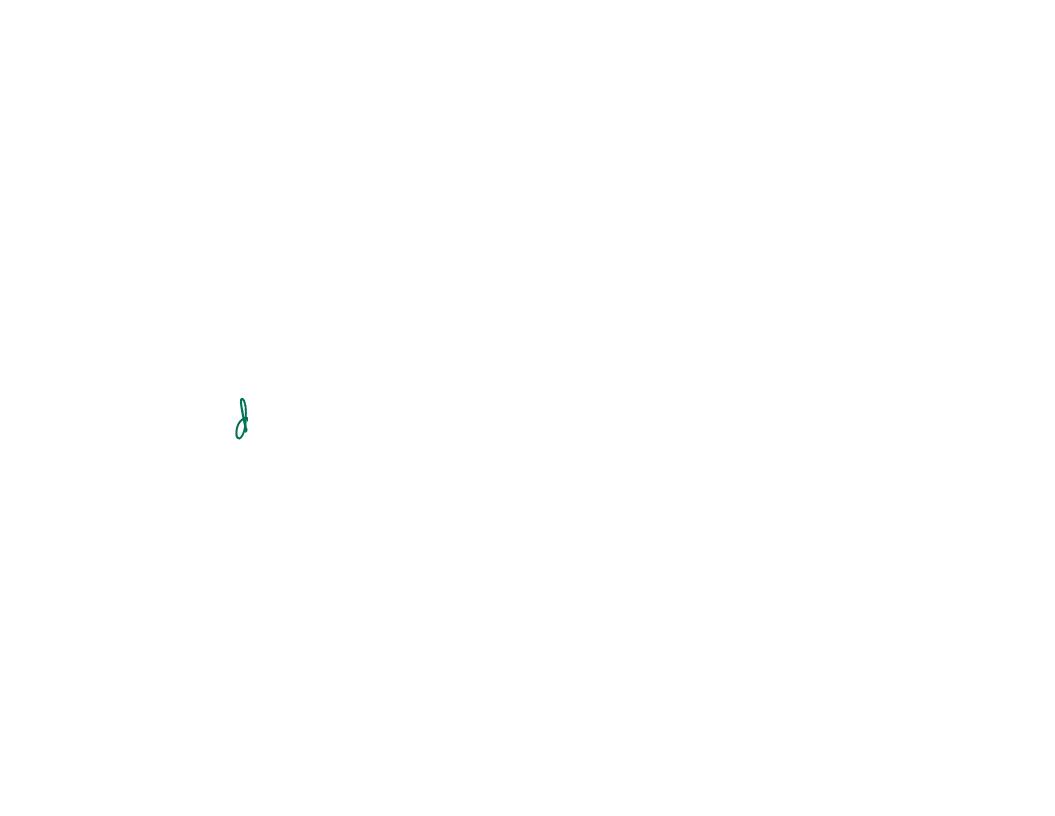
$\frac{5\ln(17/3+h)-5\ln(17/3)}{h}-\cos(\frac{1}{3})$ 

euror = Ch





 $O(l_{S})$ 





slope 1

rise: 7 7 = 1 ron: 7

Minimize: 
$$g'(h) = 0$$
  
 $g'(h) = C_1 - \frac{C_2 \varepsilon}{h^2}$ 

$$C_1 - \frac{G_2 \varepsilon}{h^2} = 0 \qquad h^2 = \frac{G_2 \varepsilon}{G_1}$$

Emor is O(h)

error = Ch

$$g(h) = C_1 h^2 + C_2 E$$
  
 $g'(h) = 2C_1 h - C_2 E$   
 $g'(h) = 2C_1 h - C_2 E$   
 $2C_1 h^3 = C_2 E$ 

$$J'(h)=0 \approx 10^{-5}$$

$$h = C_3 \left( \frac{\epsilon^{1/3}}{\epsilon^{3/3}} \right)$$

13 = C2 & 2