Name - Arrymann Kranna 102 103662 Patrameter Estimation Assignment $f(x) = \frac{1}{2\pi \sigma^2}$ $f(x) = \frac{1}{2\pi \sigma^2}$ abiz vtod no 3 privilet MLE of 2 parameters 2 (2) x L(n) x L(n) (x. L(n)) 2 $= \frac{1}{20} = \frac{(x_1 - y_1)^2}{20} \times \frac{y_2}{20}$ $(y_1 - y_1 - y_2) = \frac{1}{20} \times \frac{y_2}{20}$ 12702 101 e - (xi - M) taking log on both sides with In (1 é 202) = (- (x-0)) - (x-0) - (x-0) en(= m/ 270) (2) in (1) gard 0 = 5 -1 m(2/20/20 - (3/-11) m(0)







