Awignment - Parameter Estimation So To find Max likellhood Estimates of Paramets Di Por for normal Pop. Crium a random Sample (NIN 1 -- xn) from c normal pop with a paramete u=G 202- Or the Welkow & Sample L(O, OL). This Text (-(xi-0)2)
Take also on 15 Take alog on 15 e (O11 bi) - 2, [-1 log (21102)-(211-0.) 27 To find MLCE, solu for O.LOZ ( 2 Cxi-0) = 0.60 m ment 2) Z (xi-01)=0 012/ 2 Xi

Asignment - Karemeter Estimates d 2 [20 100] 21 L 2 + E (NI-O1) 2 Mare L. Est. and Mar L. Est. and Mare L.  $\theta_1 - \frac{1}{n} \frac{1}{3} (x_i - \theta_1)^2$ go then an sol. of mean (Or) e van (Oy) of Normal Perf. 5 (xi-01/2) Die Jaki

Sel aiur a vandom vanthe Kriter

Kn from a binomial

Littration B(m/0), fine or

No. 100 Miles of the contraction of the contra U01: Ti, (m/0 1-0) m-r. egor his elle) = 5, [leg (x; ) x x, leg(e) + elle) = 5, [leg (x; ) eg (1-0)] Take day on bu ell): 2 [log (xi) + xi log (b)

in [log (xi) ) da (1-A)? To find mile for of, we day e with oneth to or set derivate to zero isolar you of

m-x1/20 2 / De -