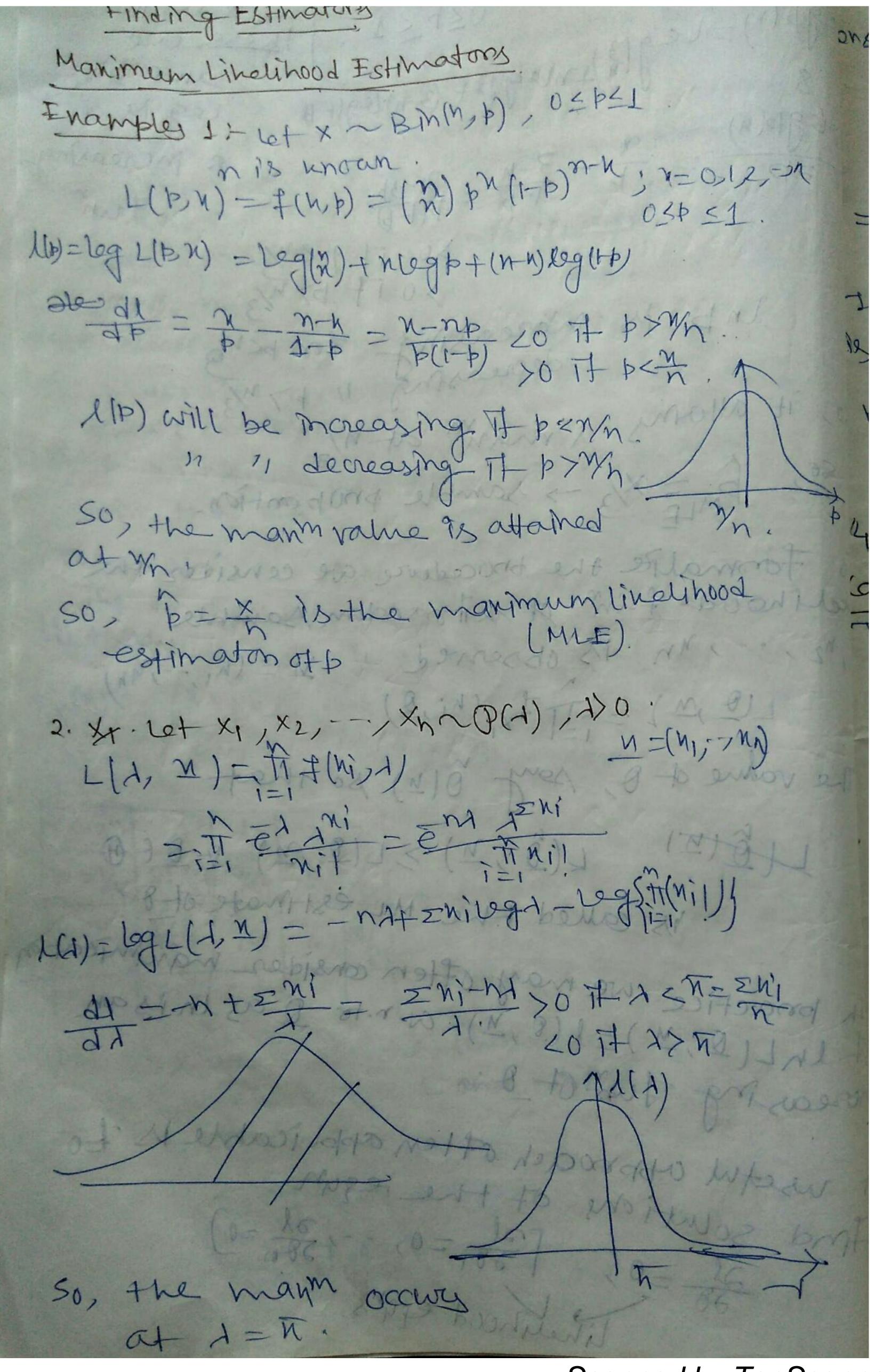
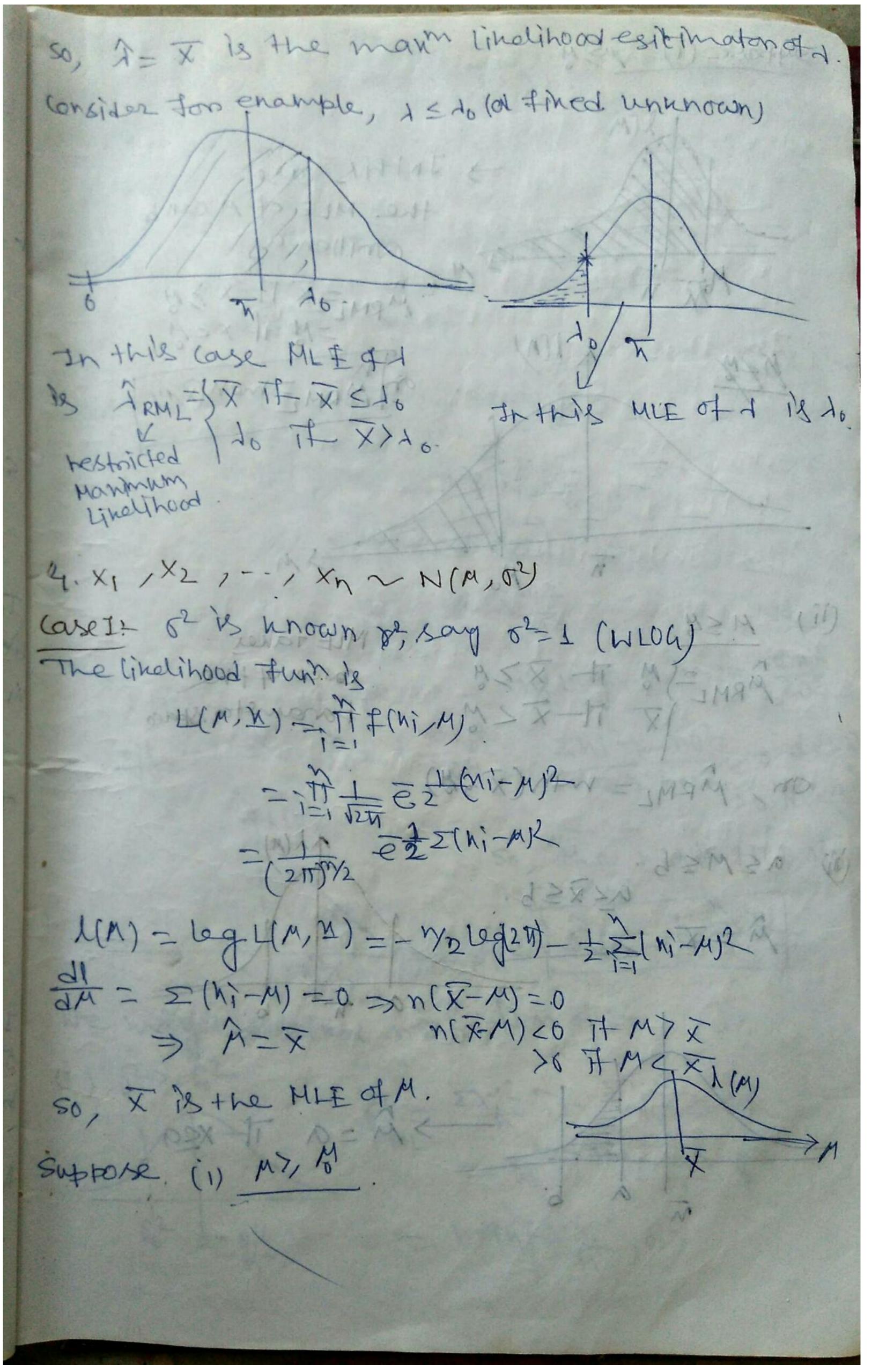


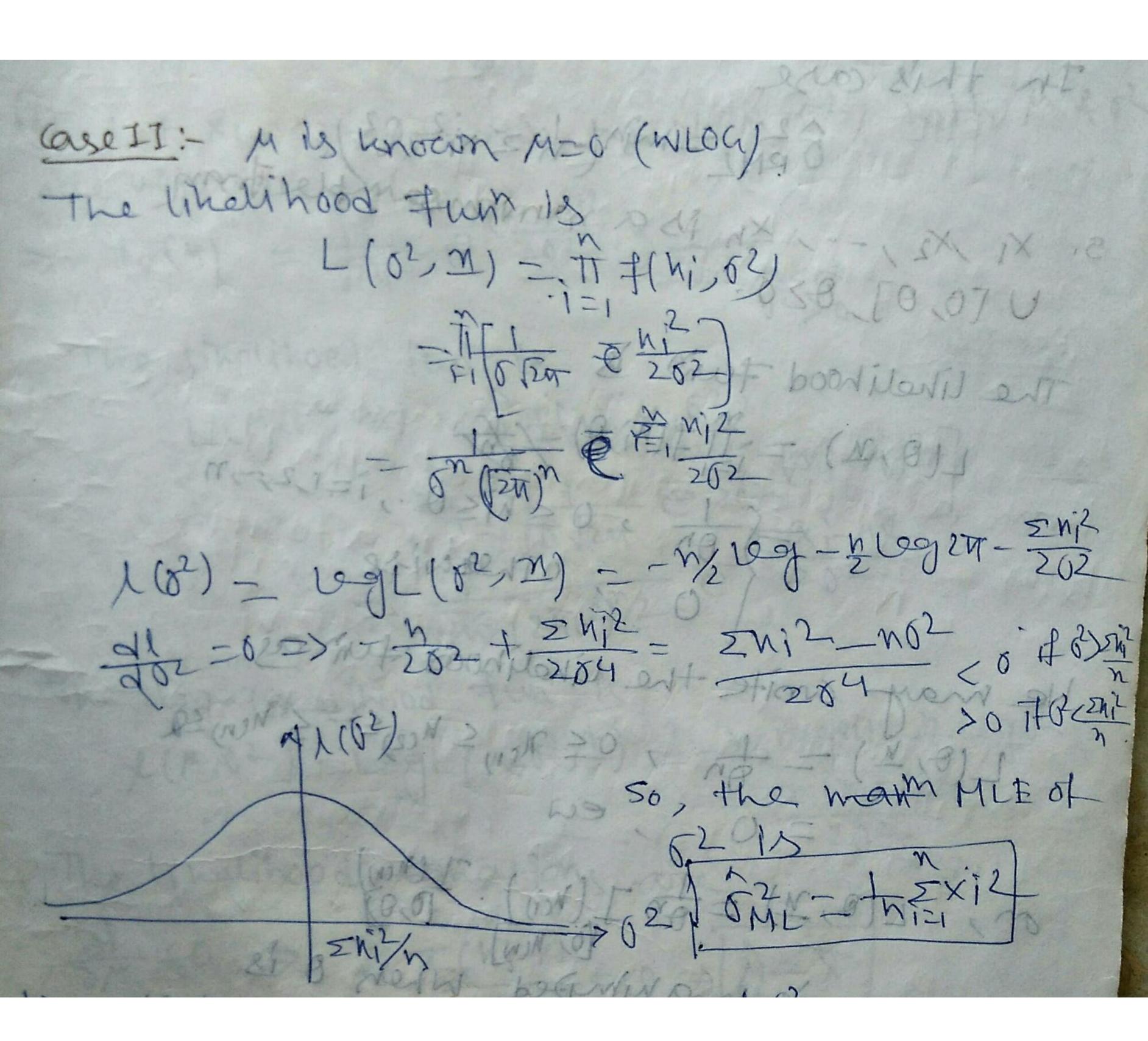
the procedure are consider t whelshood fund of attornation sample m, 1/2, -- , mn 1/5 observed == (h, -, hn) LO M) = TT = (M, Q) The value of a, say o(u) so that (M) F(D,M) > L(D,M) + DFD is called the ML estimate of 8 In practice we may often onsider manimitate of lulle, y)=l(e, y) w.n.to Day in is an moreoning tunt of & A useful approach often applicable is to And solutions of the regun 21 =0, [3/4=0) --, 3/4=0) Thethood eggs. Many est cos

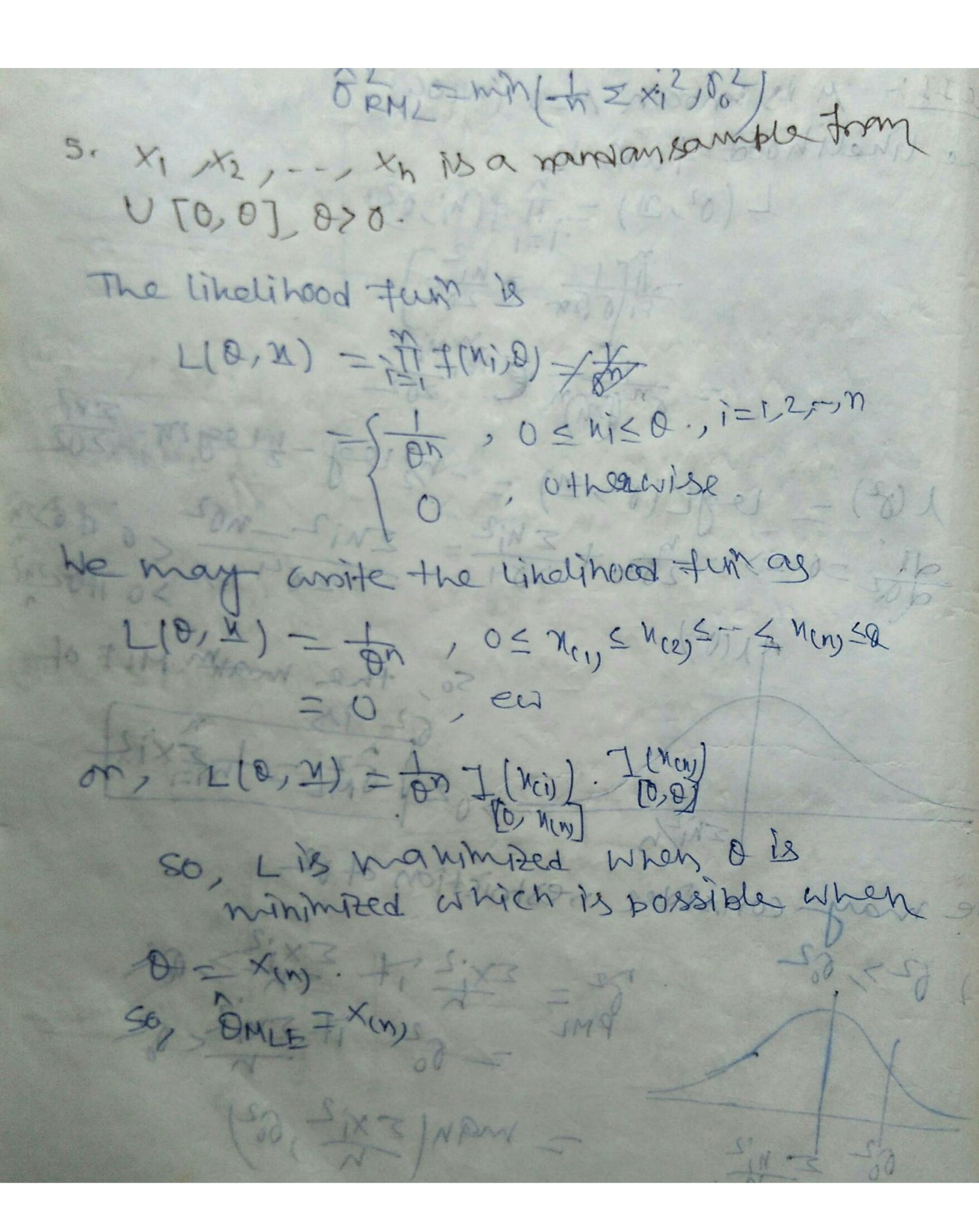
\$50, in general the method of maximum likelihing can be described as below. Let x1,7 m, be a wandow sample from a popili with print on both \$\frac{1}{2} \text{Min} \text{P} \text{D} \text{P} \



Scanned by TapScanner







inelihood fun le the log-likelihood fun's

L(A, 52) - leg L(A, 52, 21) - - M2 leg 22 - 12 leg C The linelihood equations are 3/20 7 X I(N)-M) = 0 - 1/A = X $\frac{\partial l}{\partial \Omega^{2}} = 0 \Rightarrow \frac{1}{202} + \frac{1}{2$ so, the man MLES of MR orlance MM-X + FM- = + = (xi-x)same as MMED at M&FP