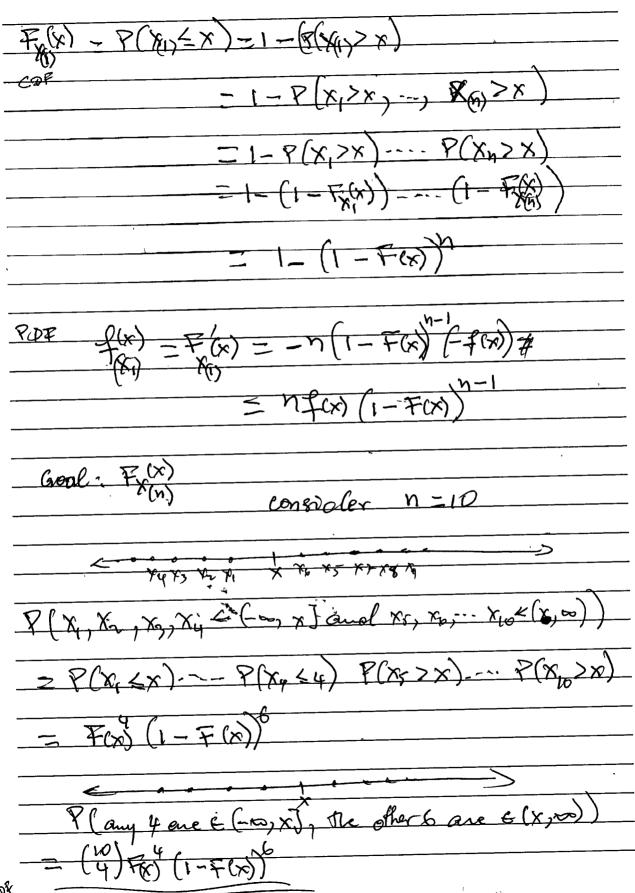
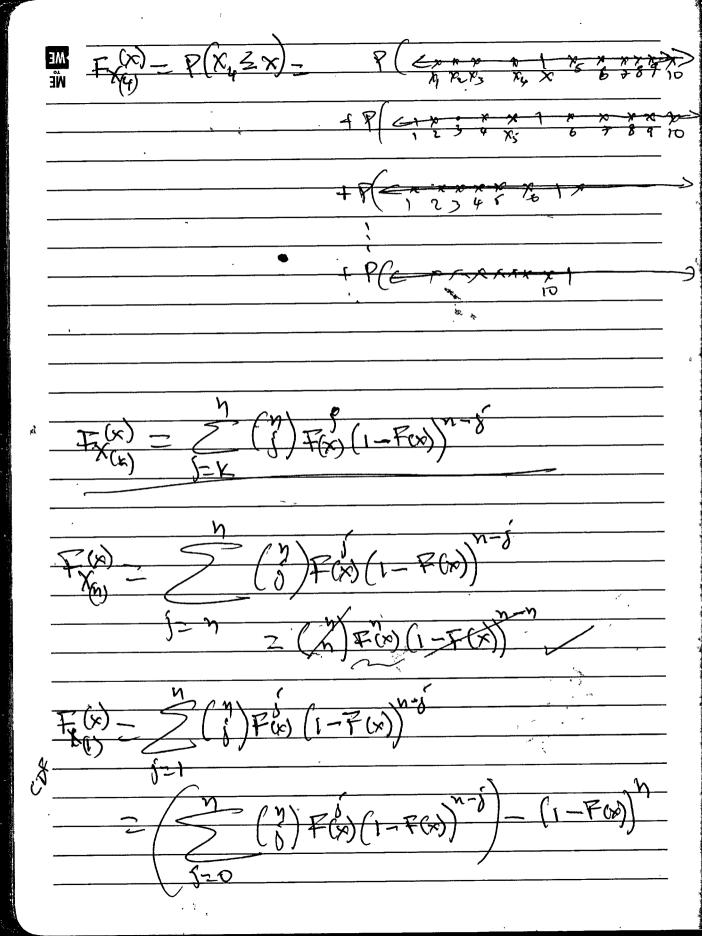
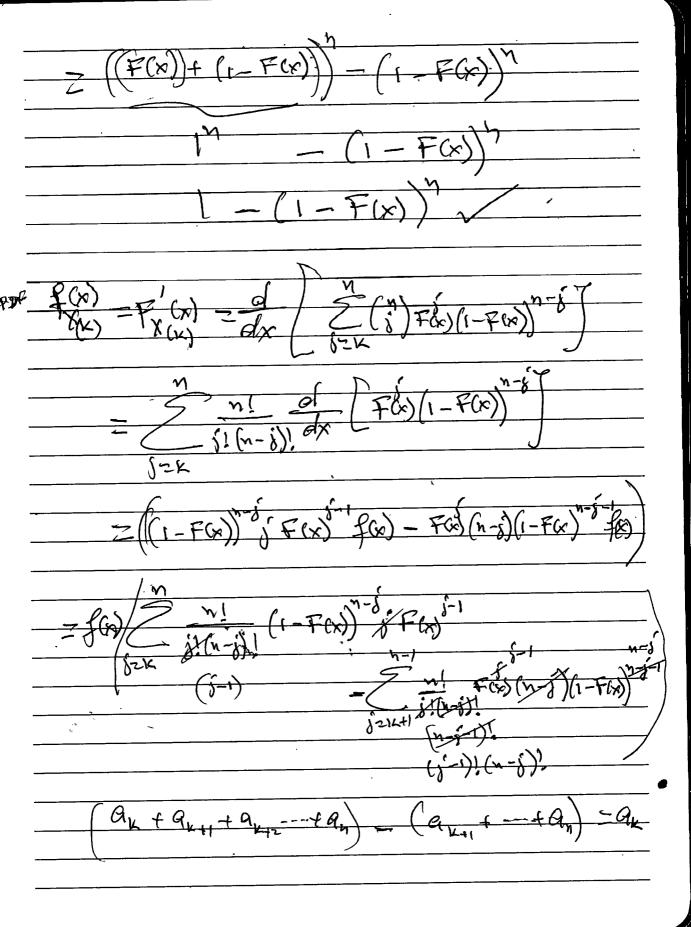


ME Order Statistics
X1, X2,, Xn are a sequence of continuous xv's
(1), X(2), X(n) are called order statistics 1
where X() 2 2 X(n)
Sobrel order.
- Xmin = X(1) = min & X(1) Xn. 9
2 = mon {2, 7, 9, 12 9.
1 / max = X(n) = max = xy, > xy .
Range R = Xmax - Xmain
In the case of X1,, Xn 200 flx) nth CDF F(x) Ymax
We about 7 (x) - P(Xe) 5x) - P(Xex) Xex, x, x
= P(x, 5x) P(x, 5x)
= $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$
= \frac{\gamma}{(\chi)}
100 - F(0) - Nf(x) F(x)



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ME Wê	n!	+(x)(1-F(x))) F(x)	
ME	(K-1)!(n-K)[, , , , , , , , , , , , , , , , , , ,		
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