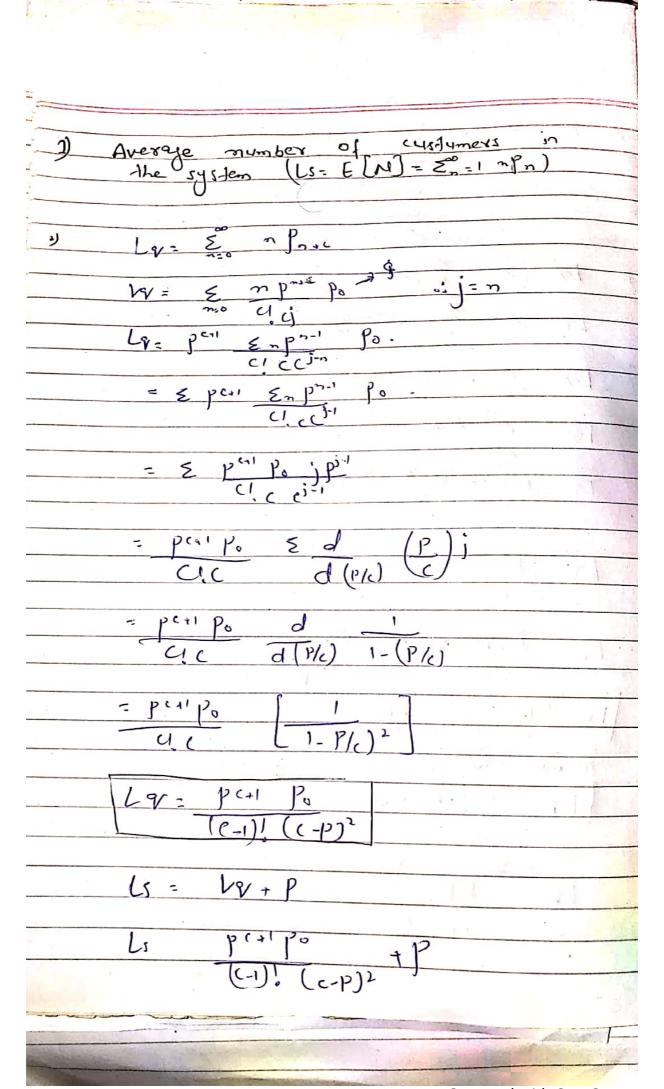
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-	LOMPUTER SYSTEMS
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-	MODELING (CEP)
-	
	group Members:
-	
0	Ravel Ejäz (cs-16303)
10	Via Va Gan (CS 16303)
70	Vijay komas (Cs-16137)
-	VIJUI MOTHUM (CS-16134)
-	
-	
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	Lair



ws -

2) Ave	lage number of customer in the Vuene. (Lg= En=0 ~f_+c
	(Lg: 50 - 12+c
Lev=	E m Port C
	32.0
L4 =	Enc prite Po
	CI
Lv =	e' po & npn+c
191 =	ce P. P' E mp?
	CI
Lv =	p'c'p.pd (Eph)
	ci de mil
	,
1 0/-	P'c'P.Pd/PI
LV:	
	e! dp (1-p)
1	
La =	(P) PoP (1-P+P)
	$(1-p)^2$
1/4 =	(cp) Po P
	C! (1-P) 1-P
95 0	re 9 freedy 1Know 1' (NZC]=
11	1= b[M3C]. b]
	1-p
129	v= KP)
	1-12

PART:3 (CP) Pos (C S) 6 Po P C! (1-8) Ls = CP.

	7 - 00 nD)
Probability of Quening. (P[N	13C] = \(\frac{1}{2} \text{n+c} \)
$W = Pc + Pc$ $P[N \ge c] = E P_0$	
P[NZC]= Z In P[NZC]=Perper + Pers	· · · · · · · · · · · · · · · · · · ·
P[N=C]= Pe	
P[NZC]- (cp)° Po 1	
Cl 1-p	3.000
P[NZC] = ((p)) [(1-p) &	(ep) (ep) -1
CI n.	o ni OJ
P[N2c] = (CP) Po	
PLM3CJ-CI 1-P	
	S. A. Sarragia milità

PART: 5
$$E[n_{s}] = \frac{2}{n-1} \frac{n}{n} + \frac{2}{n-m} \frac{m}{n} = \frac{1}{n} \frac{n}{n} + \frac{2}{n-m} \frac{m}{n} = \frac{1}{n} \frac{n}{n} + \frac{2}{n-m} \frac{m}{n} = \frac{1}{n} \frac{n}{n} \frac{m}{n} + \frac{2}{n-m} \frac{m}{n} + \frac{2}{n} \frac{m}{n} \frac{m}{n} \frac{m}{n} + \frac{2}{n} \frac{m}{n} \frac$$