00 ROBBIE CULLIAN Honework 1/16/18 COEN 140 POISSON (X/A) = e -1 /x/ for x1, x2, ..., x6 => n=6 1. MAX L(1) = 6 -1 1xi ws [(1) = 5 (-1 + 205 (1xi) - 205 (Xi)) $\frac{\partial \cos L(\lambda)}{\partial L} = \sum_{i=1}^{6} \frac{\lambda_i}{\lambda} = 0$ = -6 + 1 \(\times \times \) \(\times = 0 \) A CHECK 6 x = \(\sum_{i=1}^{6} \times_{i} \) DERIVATIVE 1 = \(\sum_{i=1}^{\infty} \) CONCAVIM 1= (2+4+3+0+3+6) = 18 = 3 +0s/gmi Q2. [novare = 41] N=100. - for DEZNATION, 100 MCONDITION, No FOR SHORT. L(Pc) = Pc · (1-Pc) - ne

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PROS. WEATHER WILL NOT MAKE DESIDED 2052(Pc) = 105 (Pc) + 206 ((1-Pc) -nc) - NES BIC/ PC ISNES IN LOS FEN descipe i pe 1-Pe - 0 (> 50: PRIETE N = 100 - 0.41 nc N-nc
Pe - 1-Pe Paronon = neconon = 23 = 0.23 nc(1-Pe) = (N-ne)Pc PERINY = MAIN 36 = 0.36 nc-nete = NAC-nete ALTERNATE GOLLION nc = NAC ON TRUETE. (MYONGE Pc = Mc

