Physics 341 - Lecture 6 Assign want 1 X > 2 1 (Inst of not $\frac{1}{2} \text{ heads} \quad , \quad \frac{1}{2} \text{ heads}$ $\frac{1}{2} \times \frac{1}{2}$ Question 9

a) $\mu = NP$ = NP(1-p)

12 = 0.01 N = 150

n=0, ---, 150

Brownial Exact!

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Use knowel approximation"

Poisson Distribution.

11 _ 1 _ 1 × 4 " X > 4

at les

not 0,1,2,3

Xfre 1 " at lest 4 $\left(- \times , cdf(3) \right)$ X.pmf(4) + X.pmf 15)

P . .

N = 150

1 p sply POPSOU E 1 N 750 = P-propaly. Case Studes 8 Testrumial>

Hey, I red a TV...

Mot's good?

Arecdotal information.

Open Ureros