



In the second i

 $= \frac{(\chi_1) \chi_2}{(\chi_2) p_1 p_2} p_1^{\chi_1} p_2^{\chi_2} (1-p_2)^{n-\chi_2}$

In= 201-1931 Define a ratio of in dicators:

 $= \frac{n!}{x_1! \cdot x_2!} \frac{1}{x_1 + x_2 = n} \frac{1}{x_1 \in J_n} \frac{1}{x_2 \in J_n} \frac{1}{x_1 \in J_n} \frac{1}{x_2 \in J_n} \frac{1$

 $\frac{1}{A} = \frac{1}{A} = \frac{1}{A}$ $\begin{cases} 1 & \text{if } A \\ \text{undefind} \\ \text{if } A \end{cases}$

Hint: P(AIB) = P(AB) which is undefind if P(B)=0







