Therep AB neg: -> \overline{A} , \overline{B} ca neg P(AB) = P(A)P(B) -> $P(\overline{A}\overline{B}) = P(\overline{A})P(\overline{B})$ $P(\overline{A}\overline{D}) = P(\overline{A}\cup B) = 1 - P(A\cup B) = 1 - (P(A) + |P(B)| - |P(A\cap B)| = 1 - (P(A))(1 - |P(B)|) =$

X.Y on benurum ca ng, and $\forall (x,y) \in \mathbb{R}^2$ $\mathbb{P}\left\{\left(X = x^2\right) \cap \left\{Y = y^2\right\} = \mathbb{P}\left(X = x\right) \cdot \mathbb{P}\left(Y = y\right)$ $\left\{X = x^2\right\} = \left\{w \in \Omega : x(w) = x\right\}$

Integrenauro beposensuour e $\binom{k+r-1}{k}$. $\binom{n-p}{k}$ pr $\times \sim NB(r,p)$

onung go nounnanero na Γ yanexa $k \in \mathbb{N} \cup \{0\}$ $\mathbb{N}(x = \Gamma + \kappa) = \binom{k+r-1}{\kappa} \binom{1-p}{\kappa}^{\kappa}$

Ge(p) = NB(l; l-p)

NB(r,p) = Ge(1-p) + --- + Ge(1-p)

Lynnex 2yonex r-my yenex

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