N=100; b= 0.8 K= 85 Pareture (Surroumenthos painte generus): -NeZ N>0 D= }(x1, x2, ..., x4) | Y1=1, M X1 ∈ {1,0}} per ospel p(x;=1) = p $\mathcal{Z}_{N} = \sum_{N} \chi_{i}$ 9=1-D kcz ocken p(z=k) = f(kinip) = Chpkqn-k q=1-p=1-08=0.2 N-k= 100-85=15 P(3=85)= f(85; 100,08) = C100 08 50,2 15

Owlew.

P(=n=k) ~ Bin(n,p) P(=n=85) = C100 08 0215