(25. 1% work) Bellenen Deger Belleren deger vega antalama deger bon ræssele det Islam urun vædete alæeas! ortalema deger tement eler. (-) Synthe bosylle Degrishenter Morn Selderen Deger? Me o sonvern Her bir sonwern degen Loplomni olasolymin corpinina alorate hesaplanir.  $\mathcal{L}(x) = \sum_{r} x_r P(x_r)$ ornelige Bor vor atildiginde her bor girch getre desités estits. Zordaler samberin ortalamen nestr? §1,2,3,4,5,63  $P(x) = \frac{1}{6} = \frac{1}{6} + \frac{1}{6} \cdot \frac{1}{6} = \frac{3.5}{6}$ 

2) Strelli Rasgelegolbegisten, Sirelleth. arz eden dezertern The ypgunlugur ölgeret hasaplagabetrsmiz.  $\sum (x) = \int_{-\infty}^{\infty} x \cdot f(x) \cdot dx$ Or's Bir dillhonda her bor satisin SOTL olma duesshon 870, 100 olma 620 ve 200 tl % 10 re Bellenen

sa tis

ncx. px, on-x (n), px, (1-p) n-Bernoll deny sopisi x- n deneyde beison somisi p-> basarim olasilgi 1. 19-> basarisizligin olasiligi

Binambel Experiment

-> Bermoli denezi n defer tehrer edilme binombal denezi el de edilm. Binombal binombal denezi el de edilm. Binombal denezi her bor sonner binongdir.

Bromal Design Clasty X = Torbadon alinan toplan top soyisi olnah Brece (Topler geri birahilyan) Torbon Dr. P(3 top cellure 2st turner 12) bronnat denynn olasilipins hesaplayiniz. TTJ = P(T,T,J) = P(T). P(J). P(J)TYT=P(T,Y,T)=P(T).P(Y).P(Y)y T T = P(y, T, T) = P(y).P(T).P(T) $= \left(\frac{3}{5}\right)^2 \cdot \left(\frac{2}{5}\right) \times 3$ 

=  $\begin{pmatrix} 3 \\ 2 \end{pmatrix}, \begin{pmatrix} 3 \\ 5 \end{pmatrix}, \begin{pmatrix} 3 \\ 5 \end{pmatrix}$ N = 3 P= 315 9=2/5  $=\frac{3!}{2!(5-2)!}\cdot\binom{5}{5}\cdot\binom{7}{5}$   $=\frac{3!}{2!(5-2)!}\cdot\binom{7}{5}\cdot\binom{7}{5}$   $=\frac{3!}{2!(5-2)!}\cdot\binom{7}{5}\cdot\binom{7}{5}$   $=\frac{3!}{2!(5-2)!}\cdot\binom{7}{5}\cdot\binom{7}{5}$ X=Z Or yearners Barer sepilyer P(Atramn hedets 5 déta vurnoss) p (bason) = 0,9 Cencip P( horavara)=0.1 0,001512 TBC X25 1210 Thanh EMMRG.