```
11. Gavornes:
                  ACB=)P(A) & P(B) | P(AUB) = P(A) + P(B) - P(A)B)
   P(A)=1-P(A)
   P(0)=0
                   P(A) = 1 | P(A-B) = P(A) - P(A)B)
        P(AUBUT)=P(A)+P(B)+P(T)-P(ANB)-P(ANT)-P(BNT)+P(ANBNT)
  P(A/B) = P(A/B) | P(A/B) = P(A/B) · P(B) | P(B/A) = P(A/B) · P(A/B)
  P(AMBAT) = P(A) · P(B/A) · P(T/AMB)
     L>P(A, nAzn. nAn) = P(A) P(Az/Ai) · P(Az/AznA) · ... · P(Az/AznAzn. nAn-1)
Hia ouvaipenon f siva Titl av: fx(x)>0 txell in fx(x)dx=1
Europenon Karavojuis in Abpointin IT. II: Fx(x) = P(x(x)) = (x) fx(t) dt
p-Exazo oznijepio: 1-00 fx(x)dx=100 in F(xp)=100 inou p E 25:
Porin 3-zeifns: E(xx) = fxxfx(x)dx
Χενερική ραπά χ-ταξης: Ε[(x-μ)"]= (-00 (x-μ)". fx(x)dx
Διανομανοίη: Var(x) = E[(x-μ)2] = (x-μ)2. fx(x)dx = E(x2)-μ2
             Var(ax \pm b) = a^2 Var(x)
  Y= g(x) -> grnois poiozorn -> 54(Y) = f(g-1(4)) (4)
  · Ομοιομορφη: fx(x)= 1/8-α, αεχεβ, x~u(α,θ)
 · Eulecinn: fr(t)=1.e-1x(t) x(t)>0 non Fr(t)=<0
     L>1410THTA: P(x>a+B/x>a)=P(x>b), a,b>0
 Weinbull: f_{x}(x) = a \cdot b^{\alpha} \cdot x^{\alpha-1} \cdot e^{(6x)^{\alpha}} \times 0 No. f_{x}(x) = 1 - e^{-(6x)^{\alpha}}
 · Bavovikin (Gauss): fx(x) Z= X=H
                                        , x~N(µ,0-2)
   > P(x, < x<x2) = P(x-μ < x-μ < x-μ) = P(z, < Z<z2) = φ(z2) - φ(z1)
      P(z \leq \alpha) = P(z > -\alpha) = \varphi(\alpha)
                                  P(a<2<br/>b) = 9(6)-9(0)
      P(z>a) = P(z<-a) = 1-q(a) | P(-a<z<-b) = q(a)-q(b)
                                  ||P(|z| < \alpha) = 2\Phi(\alpha) - 1, P(|z| > \alpha) = 2(1 - \Phi(\alpha))
      P(-a<Z=B) = P(a)+9(B)-1
Libornipara Epitiococivis
                         DIGITATION ENTITIONS
                        x-Za12 Frenc X+Zolz Fr
Bavorini per o xvwoch
                                                                   Zel/2
    >> _ o ayrworn I Avzi yia o ~> S
Dayopa pirous cipies 2 x-y-Zajz on chix-q+Zajz on
Souvori Min That for, or your Onou on = John our
           or agrades of Avzi yie o - PS
                                                                  Zes
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1€30 Bayovinh uz o- ayywo	en x-tn-1, a/2 \ x = x = x + tn-1, a/	12. In they ce
L) Simpopal  L) Si	x-g-tn+m-2, a/2 Sp J + + = p < x0	
Sianopiavous (100)	45 Ofto of Sp = Sp vn 1 m = 5 20	3 1 3 00 0 00 10 00 00 00 00 00 00 00 00 00 0
1		
	150000 C: (Sx + Sx)2	2. Sw Er, e
Sianoparoris	1 (Sx2) +1 (Sy2)2 1-1 (Sx2)+1 (Sy2)2 1-1 (Sx2)+1 (Sy2)2	
Er i e		
E Sabzumera sershaza	1 - tn-1, a/2 = = = = = = = = = = = = = = = = = = =	2. In th-1, at
1 on A	4.22 a/2 002 [A.	
Mexetos Heryhazo	2.Zap.002 [Av o agrice	ozo nan hindo gendre - > >]
WOTHOU E: EUPOS	$= \frac{2\cdot Z_{\alpha/2} \cdot \sigma}{\sqrt{n}}, \text{ Metatopolin of } \frac{11 \cdot Z^2 \alpha/2}{4 \cdot Z^2 \alpha/2} \cdot P$ i.e. Theorem $\rightarrow n = \frac{4 \cdot Z^2 \alpha/2}{6^2} \cdot P$	*(1-p*) n= 1+m-7
Ελεχχος Υποθεσεών	Ho Hi Aroppiyn	
Trobeon peons Eyer	15: plx=flo px=po  z  >Za/2	$p=2[1-\Psi( z )]$
1> Z= x-ko	pix=plo pix>pis 2>Za	$p=1-\varphi(z)$
1-24 n>30 OTTO 0~25	Tristo treho sessa	ρ= (ε) = =
Ittibeon avalogius:	p=p0 p +p0  z >Z0/2	/
Z= 3 = Po	p=p0 p>p0 Z>Z9	<u> </u>
हित्-छ	P=Po p <po <-zq<="" td="" z=""><td>VENEZUM 4-1103-12</td></po>	VENEZUM 4-1103-12
Διαφορά αναλοχιας	PPz-Po PPz +Po  z  >Zavz	Mary Plant
181 - 82 - Po	Pi-Pz=Po Pi-Pz>Po Z>Za	
(1-学)+学(1-学)	Pi-Pz=Po Pi-Pz <po td="" z<7a<=""><td>March Carlotte</td></po>	March Carlotte
Auxuazini Zurbuc		22319 = (
R = Say ~> E	ivzedencia oruniziona Peurson	1 LE -18RS1
4>0000 S2xq=1	$\frac{1}{1-1} \sum_{x=1}^{2} (x-x)(x-x)(x-x) $ $\frac{1}{1-1} \sum_{x=1}^{2} (x-x)(x-x) $	$\frac{1}{2-2}\sum_{x}(x_{x}-\overline{x})$
SAV BE	EL-1 - del loxupi apriciai quexecit E [06, 1] oxupi apricia o un secion	0-0
LOTON PO SXC	zezpaziony: g=lo+l.x+e	perfor = R2
	$f_{\times}(x)=e^{-\lambda} \stackrel{\text{def}}{\sim} \lambda = E(x)$	
A Remove	$f_{X}(x) = \binom{n}{x} p^{X} (1-p)^{n-X} $	$\binom{n}{2} = \frac{n!}{n!}$
La A SIGO IN	an $p < 10$ Pois $(\lambda = n) = 1$	νο ····/ - χ;(η-x):
AV 17 7100 ME	11 hpc10 - 42 1015(11-11/0-	4
-3 MV 1 perjano	apiθμώς savoning N(np, np(1-	(P)