

- 1) P(A) cu def. Format Pascal.
- 2) Estimance P(A) en ajutour L.N.M. Freevaille absolute emulate, freevented relative.
- 3) Estimore P(A) en probabilités gornalice.
- 4) Benoulli faro revenire.
- Bernoulli au revenire.
- 6) Peisson.
- 4) V.a, flw one monitorizaro regultoles eur experiente.
- 8) from ora. Ff, Xf, Mf, Jf, Tf.
- 9) Th. lu Cesaser.
- 60 Th 3.0.
- 11) P(x) function erosion, function his Laylock. Proprietation Cot est pla; Rez. ec. p(x)=a.
- 12) Eveniment independente, P(A/B), V.a. indgrendente.
- 13) T.L.C.

2) Den lunde lui f, identic reportization m, T)

pl. n>30.

14) Exit - Poll.

Un proceed electoral. Vrem so determinen volumil Soudojeli, n-?, a.l. vn ~ m I E(=) m= vn+g en a sur de cel mult & = 0,03 st, acest luone au o prob de cel quilin p=0,9.

P(| Pn-m | SE) > p.

P(17-m1 5 8=0,03) > 0,9=p

Ejuttol Considetal la principie a oblinit un Seen de 43% ±0,03€ m € (0,40;0,46) 3 acest regultet este valobil en o port. de cel

pulin p = 0,90. = 90%.

15) V.a. conline. Fan, pan, mf, Sf, If. pri= dons de prob, lege de prob.

16) . pro = lego de prob. uniformi

 $p(q) = \begin{cases} \frac{1}{6-q} & \text{re}\left[q,\theta\right] \\ 0 & \text{xf}\left(q,\theta\right) \end{cases} = \frac{a+b}{2}, G = \frac{b-a}{\sqrt{12}}.$

The function e. v.a. a. det ple. plasfinispl= | flade. Are flow out ordered about plas fluispl= 一种学一中一

•
$$p(x) = lege exponentiel^{r}$$

$$-\frac{X}{\lambda} \qquad m = \lambda, \sigma = \lambda,$$

$$p(x) = \frac{1}{\lambda} e$$

17. T.L.C. feelosi enuel, ce le T.L.C. fentin v.a. simple.

18. Miracolul Gauss-Loylou

Le priveste T.L.C.
Router n more, n > 30, v.a.

fix---+ fn se comporte-co o re.a.

normal dishibuito en medie M= n.m o

abolive medie patriclio Z= o Vm.

$$p(y) = \frac{a}{x^2 + n^2}.$$

1. Determ. a a.T.
$$p(x)$$
 so fre legs de f ob.
$$a = \frac{n}{7}.$$

3. Determ.
$$P(1 \le f_{\alpha}/\omega) \le 2)$$
.

4.
$$f_n \xrightarrow{P} 0$$
.

4.
$$f_n \rightarrow 0$$
.

 $f_n \rightarrow 0$.

Se estiga cale o belà elen Gran wind

a) Tre from 10.00. con montageze no. de clorle le a chir.

So so dehmin F, Xp, Hp, 5p, 5.

6) So free or only de 500 out.

Cru ent fred ce tre april 20 - 1, 7 bile bestin"

de al Vila 2000a.

$$P(x, y, 2) = \left(\frac{3}{3}x + \frac{2}{3}y + \frac{4}{9}y\right) \cdot \left(\frac{2}{3}x + \frac{3}{7}y\right) \cdot \left(\frac{4}{9}y + \frac{5}{9}z\right) = \frac{1}{405}\left(3x + 2y + 42\right) \cdot \left(2x + 3y\right) \cdot \left(4y + 5z\right).$$

g v.a ore mont. of ov " P bole & e. lon"

 $\times_{g} = \begin{pmatrix} 0 & 1 \\ \frac{v_{15}}{L_{15}} & \frac{130}{400} \end{pmatrix}$

\$1. it so dei lus lu f. m = 1300 0 =

4.20

Le oring 3 zarus.

Fix from v.a. can monitoripero un- de verni care indico cifu difert.

$$f(\omega) = \begin{cases} 1 & (1,1,1) \\ 2 & (2,3,2) \\ 3 & (2,3,5) \end{cases}$$

$$\chi_{f} = \begin{pmatrix} 1 & 2 & 3 \\ \frac{6}{63} & \frac{90}{63} & \frac{120}{63} \end{pmatrix}.$$

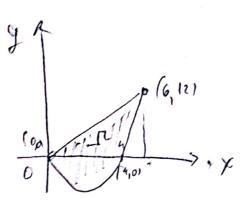
an Ft, Xt, Mt, Dt.

El le fore accorté expensente de 500 oui.

Care era probe co se oporte eventil " 3 fele defet" De cel julin 300 oi.







Fre JZ={(7,4) | 0 < x < 6, x-4x < y < 2x}

f(w) = w, , w= (w, w) ∈ I.

- a) Si se ded. F, p(x), Mq, Sq, Tq.
- an Si so det P(west 2 strong 6).

Rieldig



1) Se man of family of family 19

factual experience on the part of the section of th

probabilité de expensente de tres out, Com ente probabilité de en A se le produce de un sur de mi compuner Tulu Dome - Joan mis,

e) Se otaure 3 servicis.

Fire A 20. as well light man der for remain some to programme problem on the programme problem on the programme at Some or to the programme at Some of Some on the service of t

1 (3 < 1350) v. a. independed our dear de Grab! a) let delin. F,m, 6) Noton So wall. 3) he fift + 1000

Fre for we now de via, as down de frob. 0 beidex doc 4)

5) Fre for the min de tra bear down for the D.D.

n eu Xp = (-1 0 1

6) Fr

a) Celen. In, Man, Da, On.

Scanned with CamScanner

g ore node in neumont. To sloke The g vs. a. can movitarizze note dote um' nede pototo . o (0 52.

The A. A. ..., ty. v.a. \ die due lui g independent.

A, fife, fifits, --- mut free absolut com fi, t., . for sant breventle absolute. Dn= fit--+fr frevailed reloitive.

Ne intrepope n= ? a. P. P(12, - m 1<5)> p. M & In ou own ces milt & is other ador, as a prob of sel judin p. Atus offen volume sousloyne. M Celerale se for en Cebasov E, en Cet est in de frem date. The 820, p=0 pob. gru F

P(18-41/5) = 1-P(18-4)38) > 1- 25 13. (d-1) /m 1-P3 pt 4 (234 -) Sil a Cehrer

J+7 = (6)\$ D(12m/cs) / m- m/+--+/ 1)d (=> fx (3>/m-t/)d 46 mm + ne - 2 mm) p - (2 mm - ne - 2 mm) p P (nm-ne & fiz---+ fi < nm +ne) > P. So12 GU 726.

1 1- 1- d-1 \$(2)= 1+09 Q95 (66-26) b) \$ = 2 (\(\frac{1}{2}\) \$ 66=d 461. **^** ∠ 2 ゆ(デー)> 17P 6 % LU3