CORS 9 V. 2. disude v. 2. ratine P(X=x) P(XE) =0 fet de most P(XeA) = I P(X=x) P(XEA) - ( f(x)dx fu, (PMF) fd, le mor fee dx Edentides Obs: de entrées de réportitie nu este a probabilitate Prop. fet. de reportitie. 2) Fe cresiatoria b) Fe contins le dipt. d lim F(x) = 0 5 lin F(x) = 1 obs: in cost of one X 0 0 v.s. dinustra fet. de ness f(x) = P(X=x) st. + (x) = P(X-x) Y e. o v.c. contine a desitation of.

20

T(4)= 5 - f(t) dt

Def: Fiex o v.s. cootions or densitates le repartitle f.

Mars v.s. X et e l'eficits prin

E(x) = S \* f(x) dx. dos Exi- 5 (x) feeldx ca. In 122 contain spiner or media on exists a) Monetel de orde K al. v.s. X E(xy) = Stock feel de b) Honcetit i. 2 de ord K sl. v. s. X E(x-2) = 5 to (x-2) x fordx. c) Mon control de oul K (2= ##) of v.s.X.

# (X-#&) [X] = \( \tau + # (A) \tau \)

d. helis our fot. de v.s. \( \tau + \tau \)

\[
\text{d. helis our fot. de v.s. \( \tau + \tau \) 1. top virland. f(x)=c., Xe & b]

Th. Fie X a vz. a fot. de reportificat continus.

Strict creatore (ahe Lis) Atomai:

a) Nacr Un V(Dis) at 7 (U) are acceptionally on 6) T(x) ~ V(b) 2. Rep exposentials f(x) = 2e-1x, xx0.