Midtern: Cartet: White a paper. will upload a video for the midfern Monday Cots 515 I send out My example du back Wed, midnight take home 10/16/2020 -

Don't girl men landy (it!

(x10, 410, 210) (Xo, So, Xo) My le (xxy; リールから prestant de vals after 10 stype ines.

The relation on (xo, 50, 20) x10, 410, 210) is In the program. Then Singly (almost) a liver constant system & Then Sappese I (no, 40, 20) Ho, 210, 20) is a Rygae: When P is livear, 日 Xo, Xo, そo, Y10, Y10, Y10, F10. &(No, Yo, Zo; No, Y10, Z10) 7 P (76, 40, 70; 70, 710, 710, 710) 1 the above can be solved

2. Randomness.

2.1, R.V.

tair-coin ス る ス 、 タナ

Prob (X = head) = 1/2

Pul (x = ta:1) = /2.

there is no randominess in det. of riv.)

What's pubality?

Pizza.

The either head

Prob(X=head)= 1/2 AD

the total area or Mu whole przze the dots beselved the "hear"

P what's area? measure Their

probably of event A which sat Publis a pre-defined measure N(Ai) are disjont measure MIZA

r.v. can take it. values ale value Var(X) Var(8) M P: (a;

Chabyshed Ineg (Monsider a sey of Oubality 1 Prob (18-M > d.o.) < d2 $E(E) < \infty$. (hevren -

When (as) 5 (X;) nonbas JUSSAL)