CURS 14.

1h. linits.

1 Leges Hunerelor Havi

Def. Fie (Xn) nz, un si de v. 2. (indepadeto si iletà igaticke) (god) si X o u.z. Spier of sivil (Ynha) conveyo grope sivil &X

notice X 2.5 X, does P(lin X = x)=1

Set (Conergente in Probabilitate: Ps)

tie (Xa) n un sir de v.a. si X o v.a.

Spenen cë sirel (Xn) n converge in probabilitale lex, notain XnBX, dai + E so even lin P((Xn-X) se)=0

Def: esation de volum, n din populatio Q= on rir Xixxxxxxx independent si identic reportiente a reportific como a (Poxi=a)

Media espationaly $X_n = \frac{X_1 + X_2 + ... + X_n}{n}$

Loger Harelor Mari fleb)

Fie (Xn) n on six de v.e. iid a media pe La Atrain.

Leges Humerdon Mari (Fare) In 2.5 p = E [X] 2 Th. linits centralis.

LMXI: $X_n = \frac{X_1 + \dots + X_n}{n}$ $\frac{P}{X_n - \mu}$ $\frac{P}{X_n - \mu}$