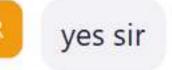


Joel Katnam to Hosts and panelists



Ravinder to Hosts and panelists

Clear Sir.

rashmi to Hosts and panelists

R very much clear sir

Abhishek to Hosts and panelists

please revise on vanishing and exploding gradient again

Vikram Rawlo to Hosts and panelists

/R yes

Santoshkumar Pandit to Hosts and panel

yes yes

Sourav K to Hosts and panelists

sk yes sir

rashmi to Hosts and panelists

R ye

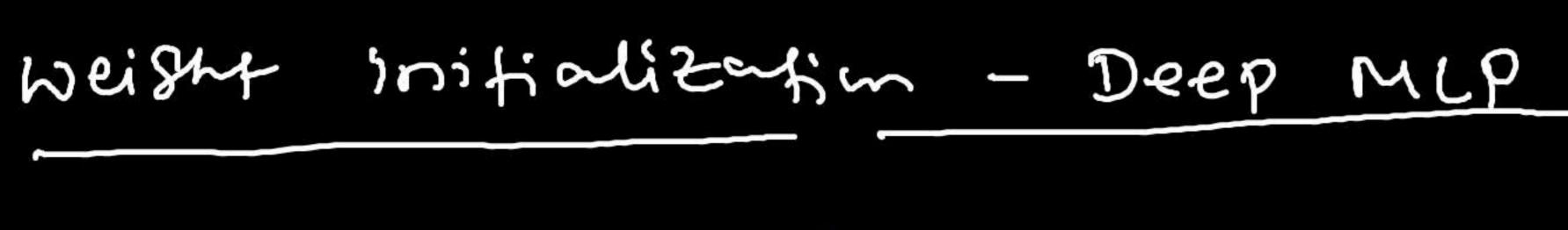
PRAMOD K. to Hosts and panelists

yes yes

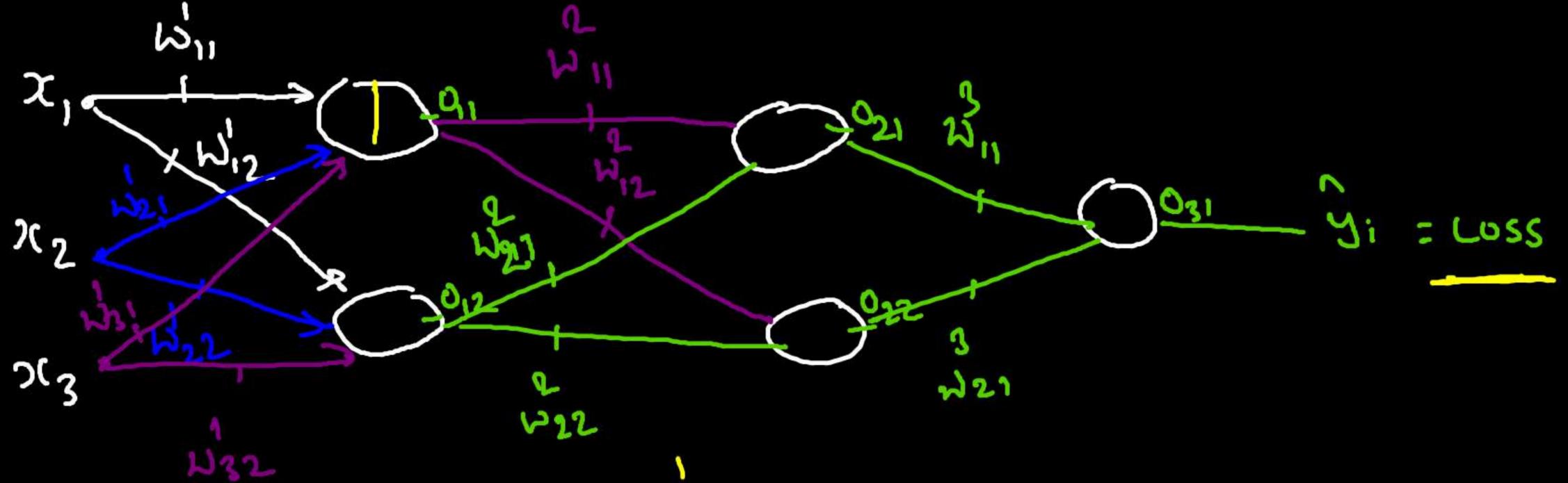
2 Who can see your messages? Recording

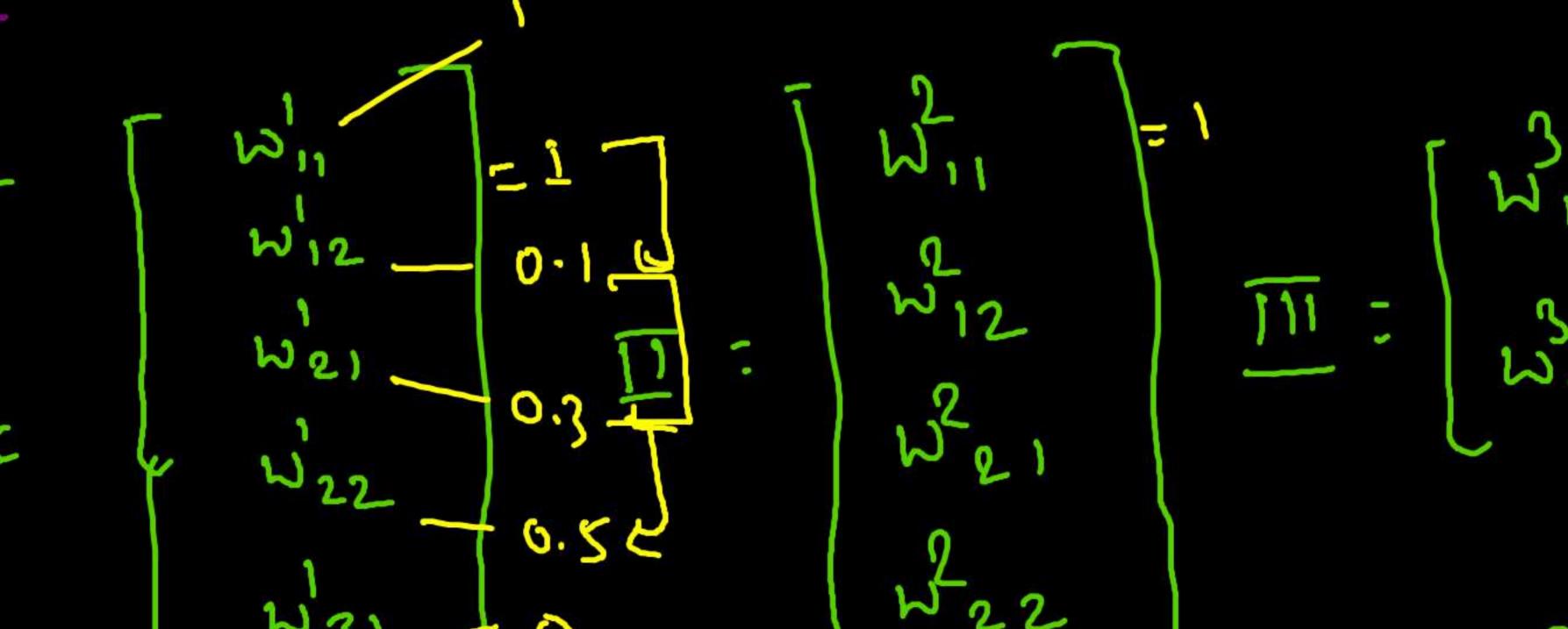
To: Hosts and panelists •

Type message here...



Weight





- Symmetricy

0

rashmi to Hosts and panelists

bad

Priyanka to Hosts and panelists

P yes

PRAMOD K. to Hosts and panel

yes

Usha Kumari to Hosts and pane

yes sir

Sourav K to Hosts and panelists

Yes

Sahas Swamy to Hosts and pane

yes sir

rashmi to Hosts and panelists

R clear sir

Priyanka to Hosts and panelists

yes

2 Who can see your messages? Reco

To: Hosts and panelists •

Type message here...

Key insssut

* Things not to do!

(1) Zero instialization - This is very very badida

mit wis = 0 at iix

> No trains

>> All neurous compute the same thing

-) Same gradient updates

Ensemble! - more different base modell are, the better it the output of ensembling

webinar Chat

Sourav K to Hosts and panelists

Yes sir ..

Priyanka to Hosts and panelists

PRAMOD K. to Hosts and panel

Santoshkumar Pa... to Hosts and

yes sir

Nagarajan K to Hosts and panel

yes sir

mansoor ali Niza... to Hosts and

Clear sir

Joel Ratnam to Hosts and panel

Ravinder to Hosts and panelists

Clear Sir.

rashmi to Hosts and panelists

very much clear sir

Who can see your messages? Reco

Hosts and panelists •

Type message here...

Non-Zero constate initialization -> linear

initialization with small veifit Random

0.000000 7000.0 0.0006) coversonse

(DO 00 00)

Vanishilf Gradient

soitsalization with Igrse wurt

100 500 2525 io

-> Exploding Gradient Problem M9 = 20 Mp = 50 - 10 x 100 = -950

webinar Chat

PRAMOD K. to Hosts and panelists

Usha Kumari to Hosts and panelists

UK

PRAMOD K. to Hosts and panelists

both side fan in?

Usha Kumari to Hosts and panelists

yes sir

PRAMOD K. to Hosts and panelists

PK

rashmi to Hosts and panelists

Ravinder to Hosts and panelists

Santoshkumar Pandit to Hosts and panel

yes sir

Who can see your messages? Recording

Hosts and panelists v

Type message here...

Com se dont What

Heurishic Approach

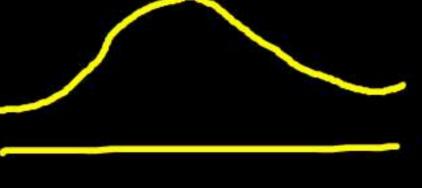
うかうナ Weight

unsform

Normal Gamesian distribute

0.01

J. 00000)X



ides I! - Ganssyon Norman

- (9) Weisset Should be Small (but not very small)
- All weight should not be Zero

webinar Chat

rashmi to Hosts and panelists

yes

Ravinder to Hosts and panelists

R yes

Santoshkumar Pandit to Hosts and panel

yes sir

Vikram Rawlo to Hosts and panelists

VR ye

Usha Kumari to Hosts and panelists

ye s sir

Sourav K to Hosts and panelists

Now yes...

Ravinder to Hosts and panelists

R ye

PRAMOD K. to Hosts and panelists

PK now it is

Abhishek to Hosts and panelists

but in hidden layer we use ReLU, why sigmoid?

2 Who can see your messages? Recording

To: Hosts and panelists •

Type message here...

- (c) Good varince
- (a) Weight Showld not be the same

>> better init stratesies (Hernstic Approach)

3 lots of experiment

-> Theory many part sp - wearle

fain - in

form-out

 x_1 x_2 x_3

for-out

Talking: Learnvista Private Lim...

webinar Chat

PRAMOD K. to Hosts and panelists

yes

rashmi to Hosts and panelists

yes

Ravinder to Hosts and panelists

R yes

Santoshkumar Pandit to Hosts and panel

yes sir

Vikram Rawlo to Hosts and panelists

yes

Usha Kumari to Hosts and panelists

ye s sir

Sourav K to Hosts and panelists

Now yes...

Ravinder to Hosts and panelists

R ye

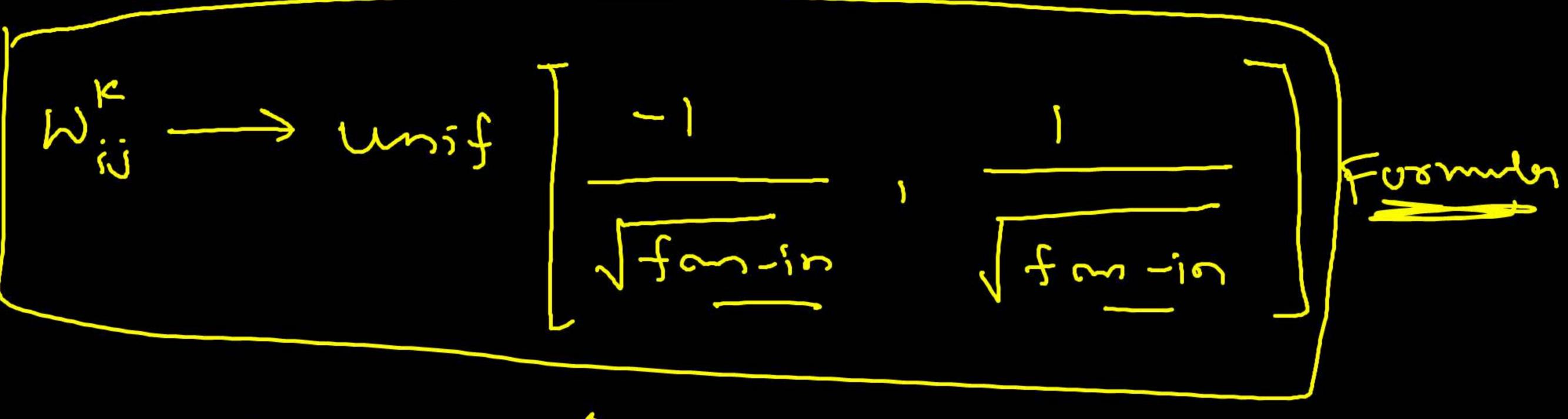
PRAMOD K. to Hosts and panelists

now it is

& Who can see your messages? Recording

To: Hosts and panelists •

Type message here...



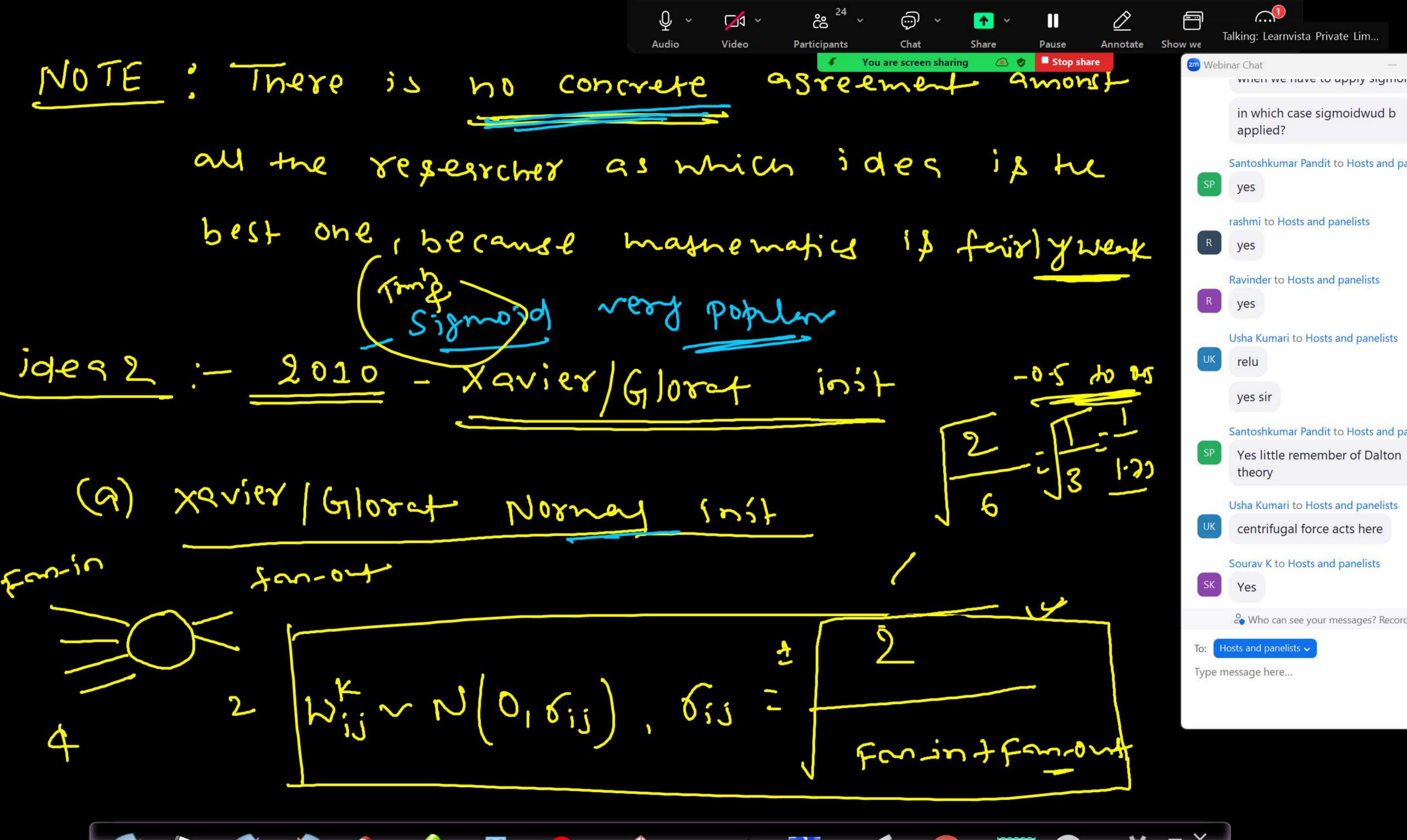
ve fonción = 4

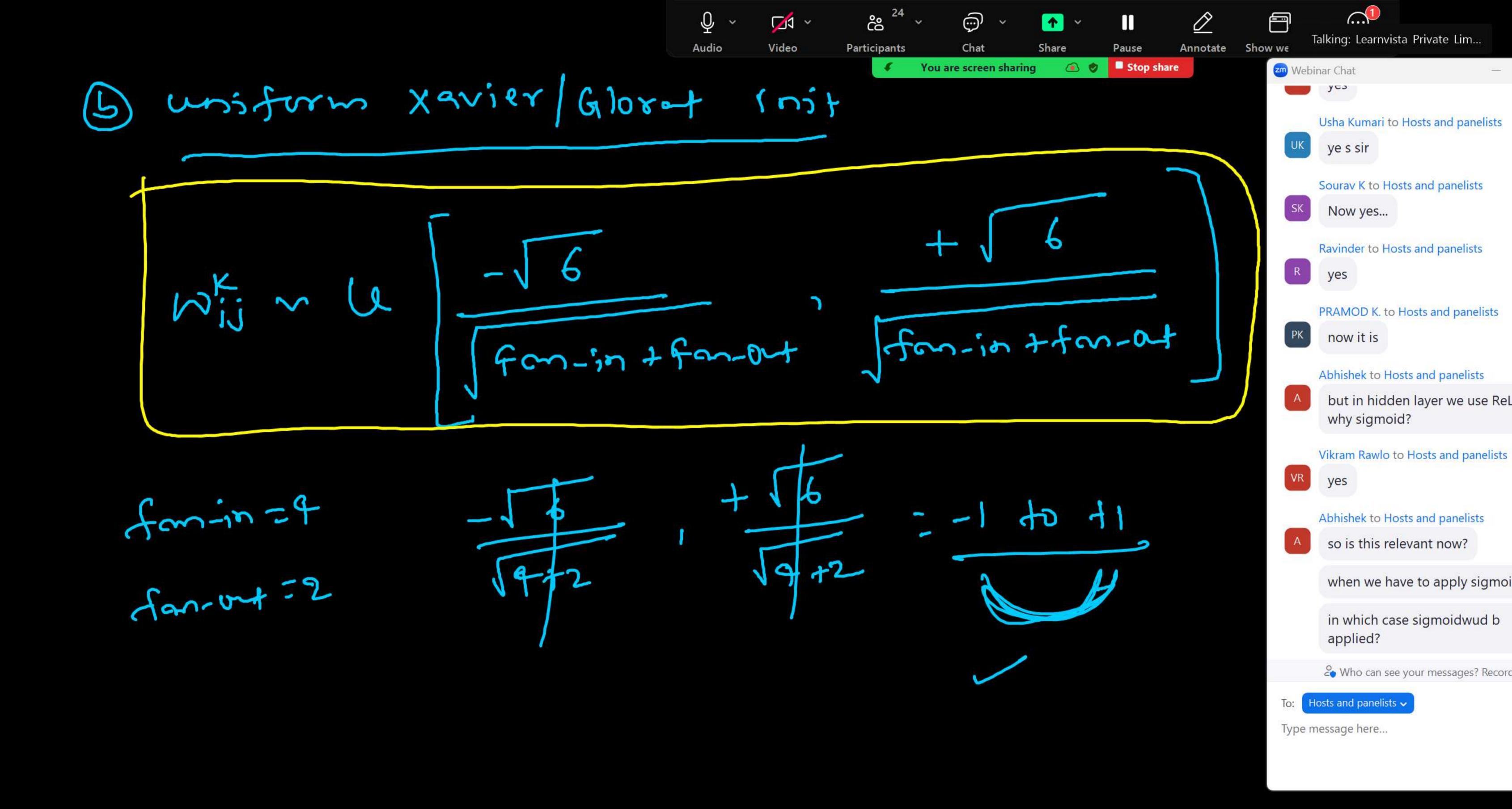
for-out = 2

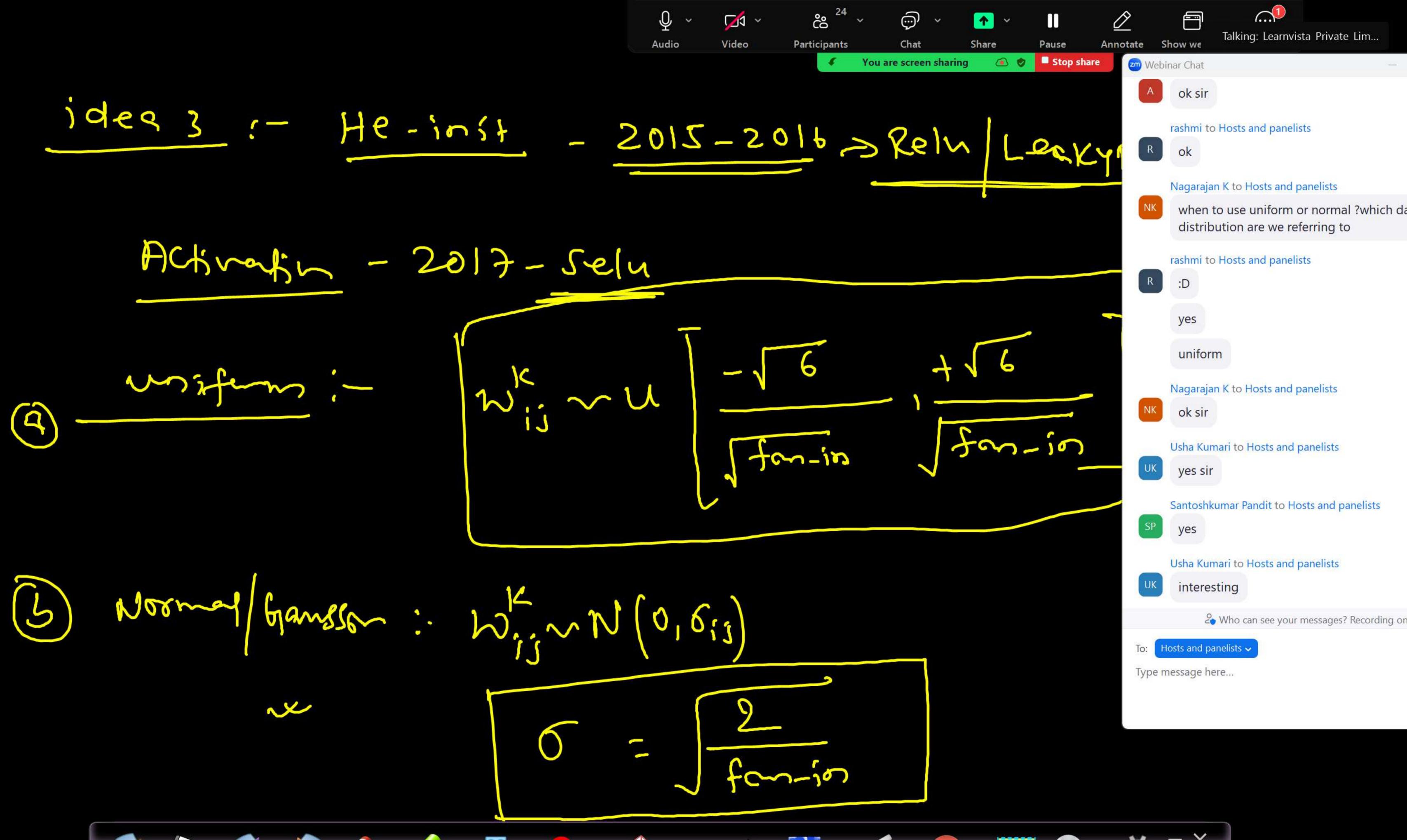
2k; = (-0.5, +0.5) - Range

W, W12 W27 W27 0.4 -0.4 0.3 0.2 W 31 W 32

0.2 0,

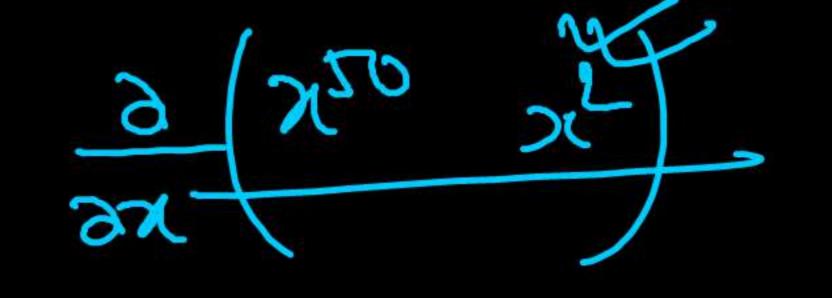


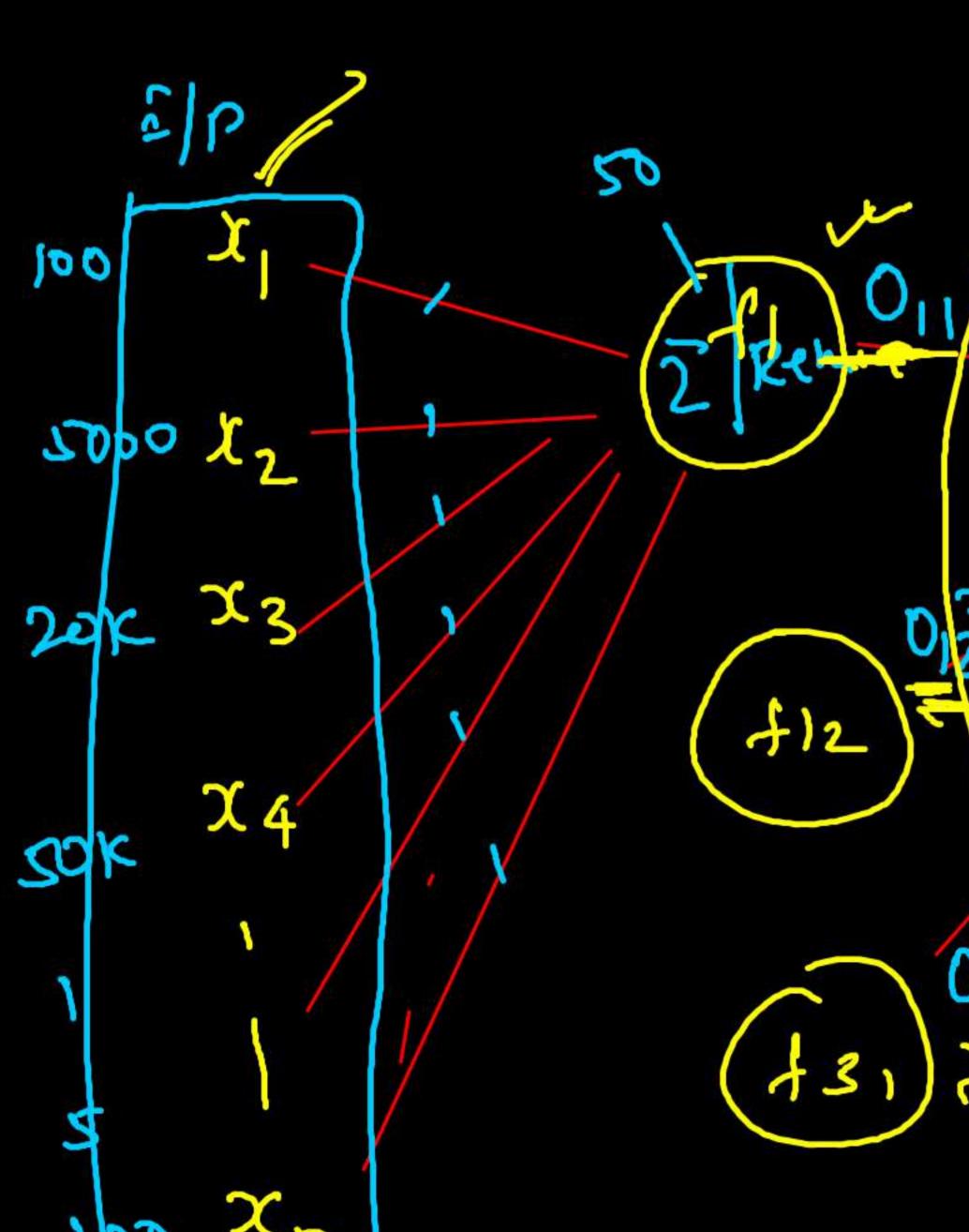


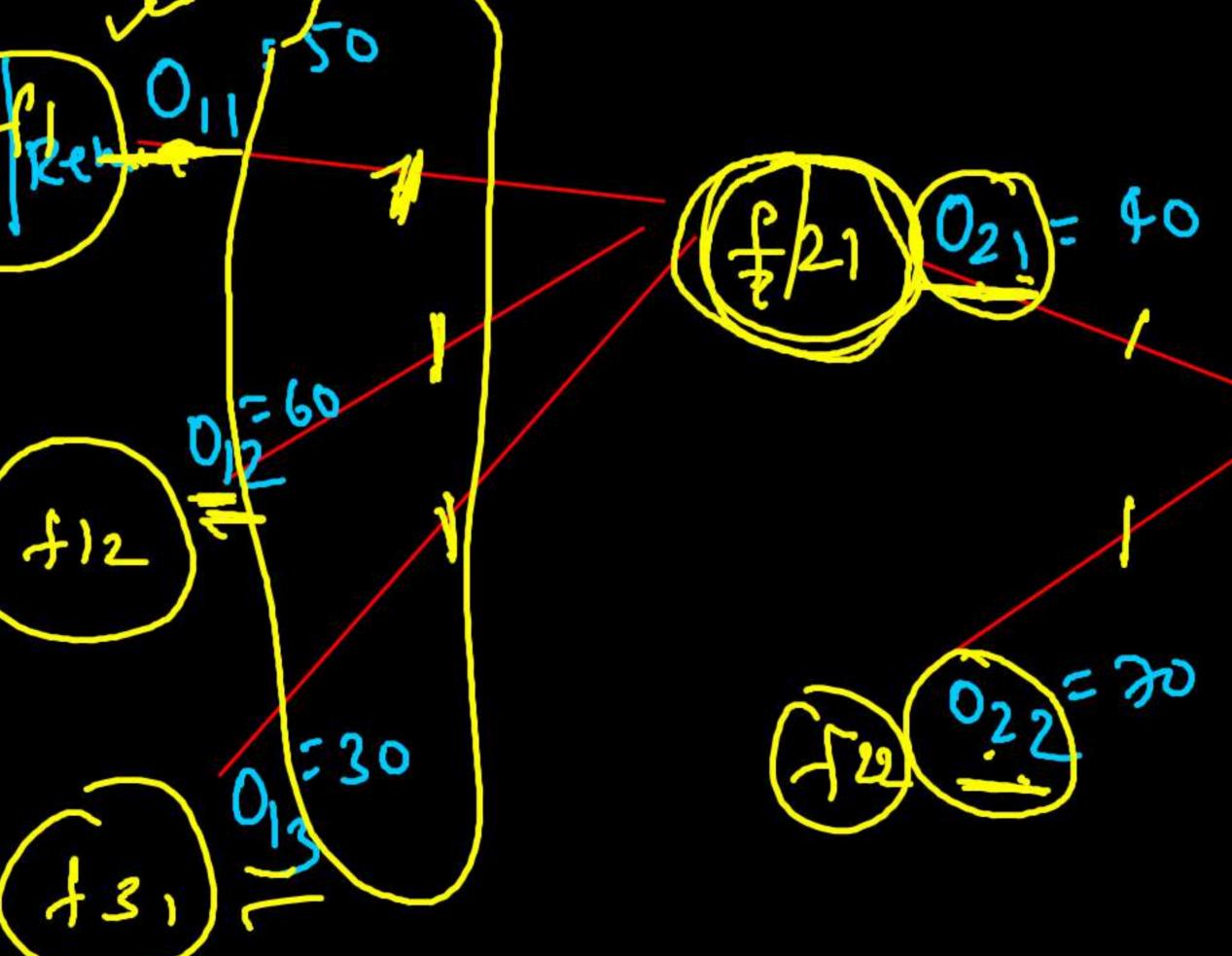


Type message here...

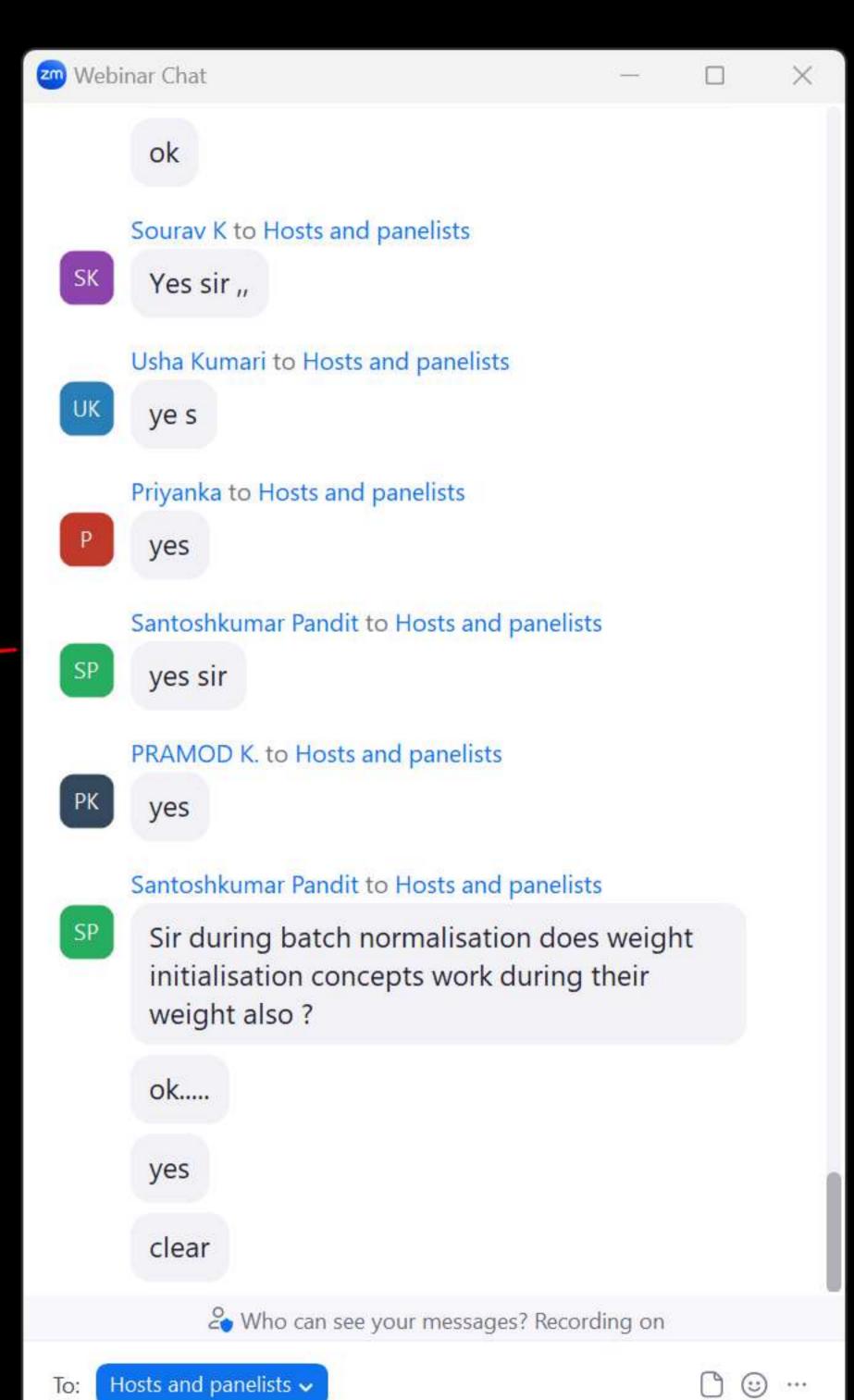


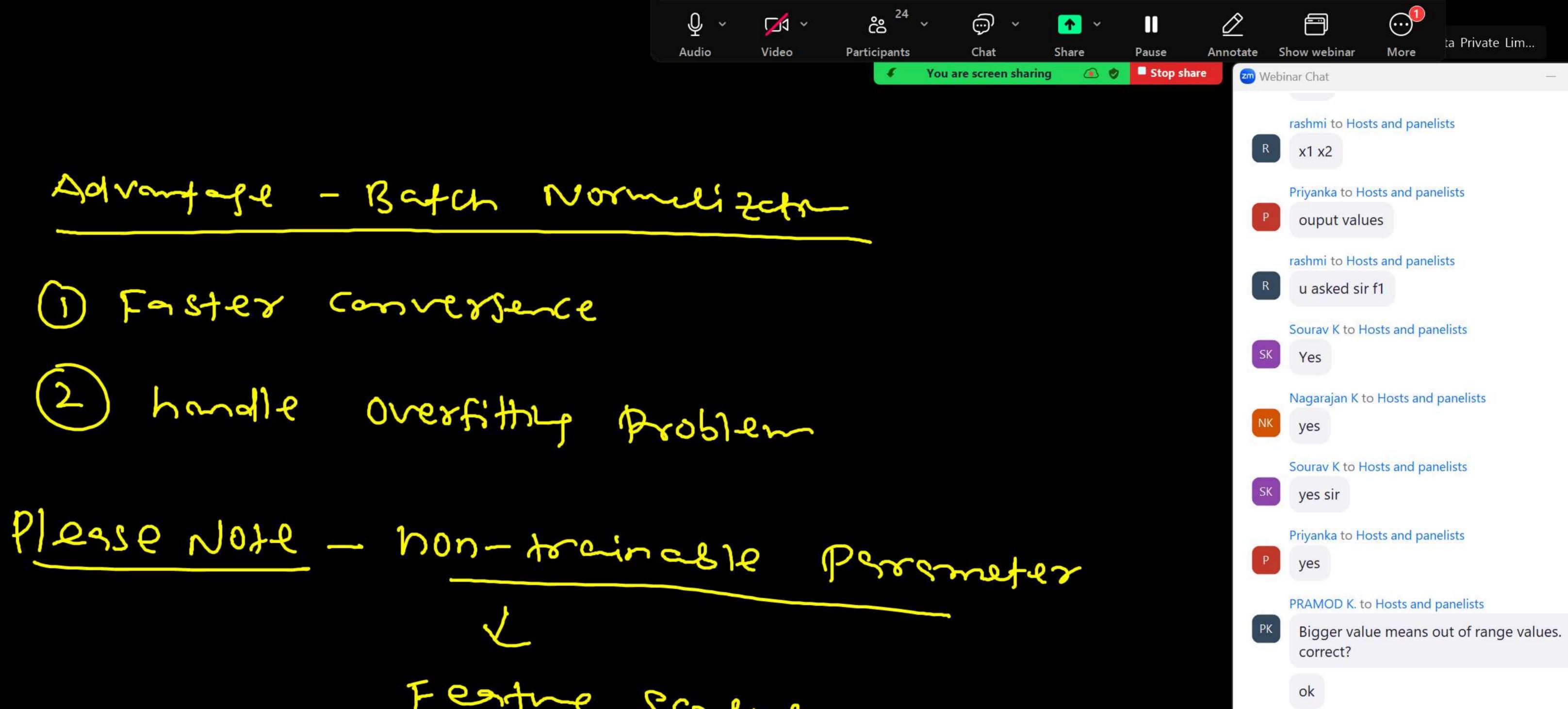












& Who can see your messages? Recording or

To: Hosts and panelists •

Type message here...

Feature Scally on output