$$MSF(\hat{\theta}) = Var(\hat{\theta}) + (bias(\hat{\theta}))$$
 $Var(\hat{\theta})$
 $X_1 \times X_2 \times X_3$
 $T(X) = (X_1 + X_3 + X_2) = \hat{\theta}$

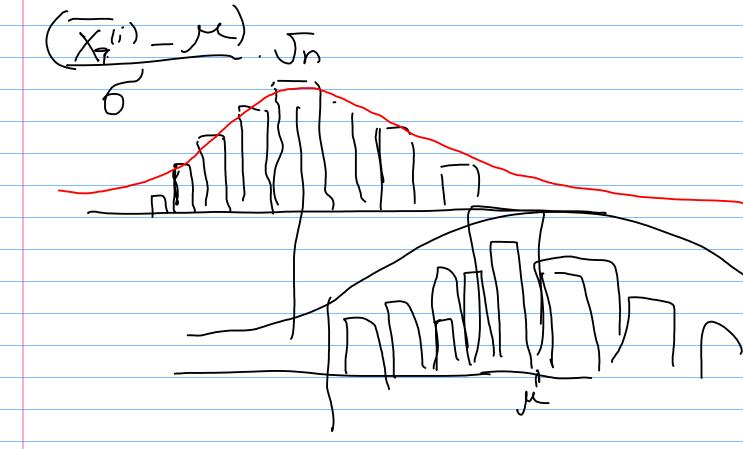
$$\hat{\Theta} = \hat{\Theta}$$

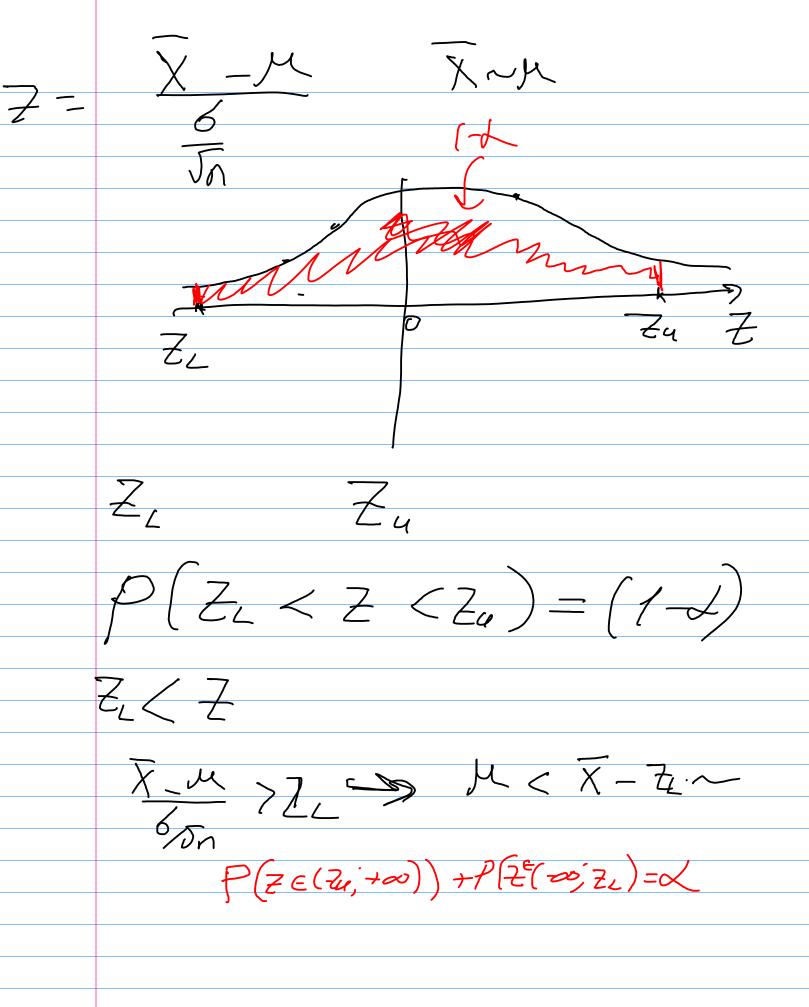
Him: not precise ô

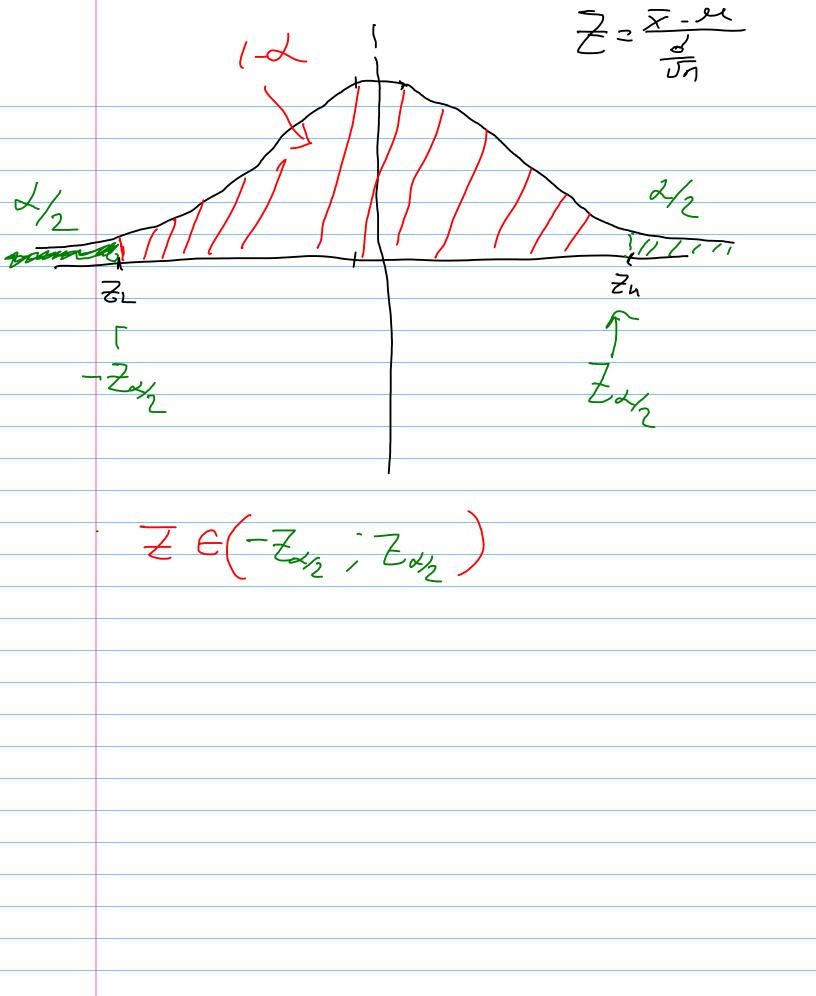
but the region new
ô which most likely
wontains ô

CLT ex.

 $array = (\overline{X}^{(1)}, \overline{X}^{(1)}, \overline{X}^{(1)}, \overline{X}^{(1)})$







$$(12)\%$$

$$(12)\%$$

$$(-2) = 0.95$$

$$2 = 0.05$$

Proportion

in population

Sample Proportion

CI For proportion

$$P \in \hat{P} \neq E$$

$$\hat{P} = \frac{1}{N} \cdot \frac{1$$

