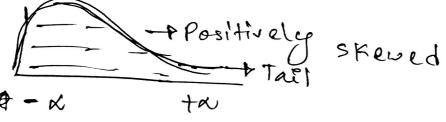
Kuretosis

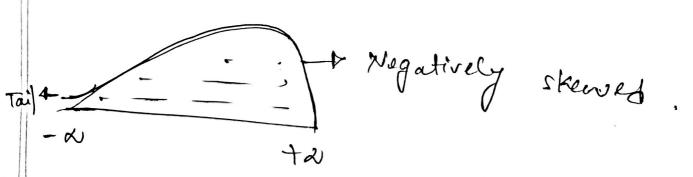
Skeroness -> shape of the distribution

- Symetric (earnal ATM - do to two)

Asymmetric

Neg lyen -earl- enzolm- & Postive lyer com





+ Tail TH lucer (smo)- THE later skewed.

Kuntosis Le 2008t distrabution 40hight Erro measure vocor, # 3 types of Kuntosis-(4) lapto kuntic (2) - Meso Kurtic (3) Platy Kuntic Symmetric distribution Qo CABRT standard hight and to accurate 3 25 and then + 3 (meso) Meso Runtic. Platy Ku (13). o lapto 200 standard night 73 30 200 p plato u p meso u a

Con efficient of kuntosis: (B2)

3,5,2 DO MAY,

$$M_{2} = \frac{\sum_{i=1}^{N} (x_{i} - x_{i})^{2}}{N}$$

$$\bar{\chi} = (3+5+2)_3 = 3.3$$

TUMO 20 lapto, platy Into Meso

Tind the coefficient of Kuntosis.

+	21	0/1 0/	C 22	<u></u>
-	\ \ \ \		(rix)	(xi-x)4
	10	-3.5	12.25	150.0625
	12	-1.5	2.25	5.0625
1	18	4.5	20.25	410.0625
	26	1.5	2.25	5.0625
	20	6.5	42.25	1785.0625
	6	-7.5	56.25	
*= \	X=17.6)	135.5	5519.375

$$M_{4} = \frac{\sum_{i=1}^{W} (x_{i} - \overline{x})^{4}}{N}$$

$$= \frac{5519.575}{6}$$

$$M_{4} = 919.89$$

$$M_{2} = \frac{\sum_{i=1}^{W} (x_{i} - \overline{x})^{2}}{N}$$

$$= \frac{135.5}{6}$$

$$M_{2} = 22.58$$