Lecture 5 (Probability, Information)

Monday, 14 August 2023 5:01 PM

Yes No	Normal Spam Urgent	Red Blue Ciren Yellow	1	1 TF 81	
clases		the of with	Branch	threst of alked	Grade U SMAI
Yes			CSE CSE		
			CSE		
What	does it be "inform	•	for a	feature a	ithoute
G					٦
	Yes		10 20 100	PI	$ \int J = 0 $ $ \int Branch = CSE $
			30	- ,	~

7.V

1 due a particular value-

Information from a R.V. is related to its probability

$$T(X=x)::T(x) \propto \frac{1}{p(x)}$$

$$T(x) = \log(\frac{1}{P(x)})$$
 Information