Wednesday

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ENTROPY AND INFORMATION WK 10 - 120-243	The second secon
TAUGHT BY	
10 · prof. indranil chakrabanthy	
COURSE TOPICS	
1. entropy concept in probability theory.	
• entropy of finite schemes	
joint entropy & conditional entropy	
· relative entropy & mutual information	
chain rules	
• the uniqueness theorem	
· jensen's inequality and its consequences	
· long sum enequality and its applications	
· data processing inequalities	
· sufficient statistics	
anois inequality	2014

21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | M | T | F | S | S 2. probability measure and asymptotic equipatition · probability as a measure · law of large number asymptotitic equipartition theorem (AEP) · data compression · typical sets · gambling & data compression 3. entropy rates of a stochastic process · entropy of markov chains · entropy rate entropy rate of a random walk on a weighted graph · hidden markov models fundamental theorems 2014

3.8.2020

Absent

