

Handout 2: Survey

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Lecture 1, Jan 5, 2004

Please fill out and return to me the following survey. Use one of the following letters as your answer to each topic.

- 1 = never heard of it
- 2 = head of it, but don't know exactly what it is
- 3 = somewhat familiar with it
- 4 = very familiar with it
- 5 = ready to teach it

discrete probability theory	
continuous probability theory	
measure theory	
Bayes' rule	
sufficient statistics	
statistical pattern recognition	
entropy	
conditional entropy	
mutual information	
Kullback-Leibler distance	
information divergence	
asymptotic equipartition property	
source coding	
channel coding	
channel capacity	
ECC	
hidden Markov models	
maximum entropy	
Huffman coding	
Lempel-Ziv Coding	
arithmetic coding	
rate distortion theory	
low-density parity codes	
turbo codes	