

Information Theory and Networks

Lecture 13: Limits of Stochastic Processes

Matthew Roughan

`<matthew.roughan@adelaide.edu.au>`

[http://www.maths.adelaide.edu.au/matthew.roughan/
Lecture_notes/InformationTheory/](http://www.maths.adelaide.edu.au/matthew.roughan/Lecture_notes/InformationTheory/)

School of Mathematical Sciences,
University of Adelaide

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Section 1

Limits of Stochastic Processes

- something related to AEP, and zip
- weak and strong limits?
 - nice examples

Cover and Thomas AEP section

- 1.
- 2.

- Something to show up Huffman encoding
- dictionary length as a function of block size
 - compare efficiency and dictionary size
 - then add in the dictionary to the encoding

Problems

Shannon-Fano-Elias
Arithmetic

Further reading I