References and Shannon's original papers

Shannon's originals

Most of the contents of this course are based on (a modern understanding of) the contents of the two following papers by Claude Shannon:

A mathematical theory of communication - the original paper by Claude Shannon, published in 1948 in *The Bell System Technical Journal.* Check its wikipedia entry.

Communication Theory of Secrecy Systems is a paper published in 1949 by Claude Shannon discussing cryptography from the viewpoint of information theory. Check its wikipedia entry.

More recent references

For more contemporary readings of these papers, have a look at:

- Course lecture notes (work-in-progress) by Yfke Dulek and Christian Schaffner, available on https://github.com/cschaffner/InformationTheory/raw/master/Script/InfTheory3.pdf
- Good reference: [CT] Thomas M. Cover, Joy A. Thomas. 'Elements of information theory': http://onlinelibrary.wiley.com/book/10.1002/0471200611, 2nd Edition. New York: Wiley-Interscience, 2006. ISBN 0-471-24195-4.
- Good reference: [MacKay] David J. C. MacKay. 'Information Theory, Inference, and Learning Algorithms': http://www.inference.phy.cam.ac.uk/mackay/itila/book.html. Cambridge University Press, 2003. ISBN 0-521-64298-1

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