

## Information Sheet

Teacher: A. Tchamkerten (A313, [aslan.tchamkerten@telecom-paristech.fr](mailto:aslan.tchamkerten@telecom-paristech.fr))

Web: <http://perso.telecom-paristech.fr/tchamker/teach.html>

Each lecture consists of 3 periods of 55 minutes each, 2 periods of course followed by one exercise period session. Between periods there is a 7 minute break. Exceptionally, the first lecture consists of a 3 period course.

Exercise sessions (TD) typically consists of a list of exercises, some presented in class, and some given as homework. Homeworks must be handled back at the beginning of the next lecture. One home exercise will be graded.

Grading policy: final grade = 70%, homeworks =15%, quiz=15%

To pass the course: your final grade must be  $\geq 10/20$ .

Office hours : 7/24

Bibliography:

- “Elements of Information Theory”, second edition, by Thomas Cover and Joy. A. Thomas (available at the library)
- “Information Theory and Reliable Communication” by R. Gallager
- “Information Theory: Coding Theorems for Discrete Memoryless Systems” by I. Csiszar and J. Körner
- “Network Information Theory” by A. El Gamal and Y.H. Kim
- Relax: [https://www.youtube.com/watch?v=z2Whj\\_nL-x8](https://www.youtube.com/watch?v=z2Whj_nL-x8)
- Bed reading: “Fortune’s Formula: The Untold Story of the Scientific Betting System That Beat the Casinos And Wall Street” by William Poundstone

...About timing: lecture will start right on time. Unless “un cas de force majeure” if you think you might be late, just skip the course and ask the notes to a colleague. If you need to leave the class early, just let me know before the course starts.