

SCHOOL OF ELECTRICAL ENGINEERING

Signal Theory: EQ1220 / EQ1210

Reading Assignment: Reconstruction (9/9) 2012–09–28,

**Notice:**

To be collected before Lecture 10.

The essay consists of five questions. If you successfully answer all questions, you obtain 1 bonus point for part A of the final exam. An essay with partially correct answers will give you 1/2 point.

For the answers you should not copy text from a textbook. Group work is also not allowed, but feel free to discuss with your fellows.

The reports will be checked against plagiarism.

Be brief, i.e., at most 1 page.

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Explain (in your own words) ...

1. ... *the aliasing effect*. (Hint) Your short essay could for example answer the following questions: Is it a positive effect? What is its cause? How is it mathematically characterized? How to avoid it? You should as usual use formulas, figures **and** examples.
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