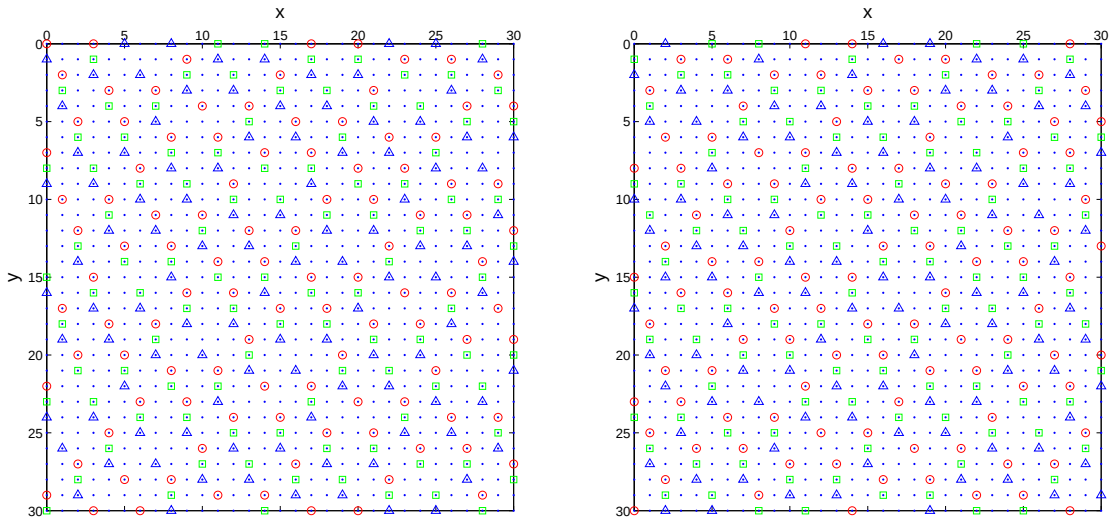
Chapter 1

The KamLAND-ZEN Detector

1.1 Some results

Here goes all the important stuff, likely with a lot of graphics like this Figure 1·1 below.



(a) (b)

Figure 1·1: Assignment of single-view intensities to RGB components: (a) view #1; and (b) view #2.

In all likelihood, you will need to insert tables, like Table 1.1 on the next page.

Table 1.1: Absolute disparity error per pixel for the test data from Fig. 1·1 and different parameter values. In each experiment one parameter is adjusted while other parameters are unchanged.

$\eta = 6000$, $\mu = 2000$		
K	u_1	u_2
3	0.52	0.46
7	0.47	0.43
10	0.35	0.36
12	0.37	0.36

$K = 10$, $\mu = 2000$		
η	u_1	u_2
1000	0.54	0.45
3000	0.43	0.40
6000	0.35	0.36
9000	0.37	0.37

$K = 10$, $\eta = 6000$		
μ	u_1	u_2
100	1.00	1.16
1000	0.53	0.47
2000	0.35	0.36
3000	0.44	0.43

Of course, there must be a Table of Contents, List of Figures and List of Tables at the beginning of the thesis, but this is all set up automatically.

Important: You will also be using a lot of citations. The format in this template follows the so-called APA style and looks as follows in the document body: (Lamport, 1985), (Debreuve et al., 2001). There are no numbers in the list of references – the list is sorted alphabetically according to the first author's last name.

Other styles of references are allowed by the library as well, e.g., "plain" or "'ieee", which use numbers in square brackets both in the document body and in the list of references. In order to use another style of references, e.g., "plain", follow the steps below:

1. In "thesis.tex" file:
   - comment out the line "\usepackage{apalike}" at the top of the file,
   - replace "\bibliographystyle{apalike}" with "\bibliographystyle{plain}" towards the bottom of the file.
2. In "bu_ece_thesis.tex" file, comment out all lines in the BIBLIOGRPAHY section (lines 503-517) and save it!
3. Recompile "thesis.tex" twice

Appendix A

Proof of xyz

This is the appendix.

References

Debreuve, E., Barlaud, M., Aubert, G., Laurette, I., and Darcourt, J. (2001). Space-time segmentation using level set active contours applied to myocardial gated SPECT. *IEEE Trans. Med. Imag.*, 20(7):643–659.

Lamport, L. (1985). *LaTeX—A Document Preparation System—User's Guide and Reference Manual*. Addison-Wesley.