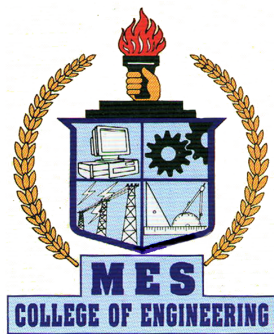


GUIDELINES FOR PREPARATION AND SUBMISSION OF M Tech THESIS



(ISO 9001:2008 Certified)

M E S COLLEGE OF ENGINEERING KUTTIPPURAM

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Chapter 1

GENERAL INSTRUCTIONS

The given folder named 'Thesis template' contains several tex files, in which you can edit to remould your personalized report in the prescribed format. The tool used for the demonstration is MikTeX 2.9 along with a user interface named WinEdt 7.0. Depending upon the platform used, the format of editor may change. A review on the tex files and a glance through the format prescribed are presented below.

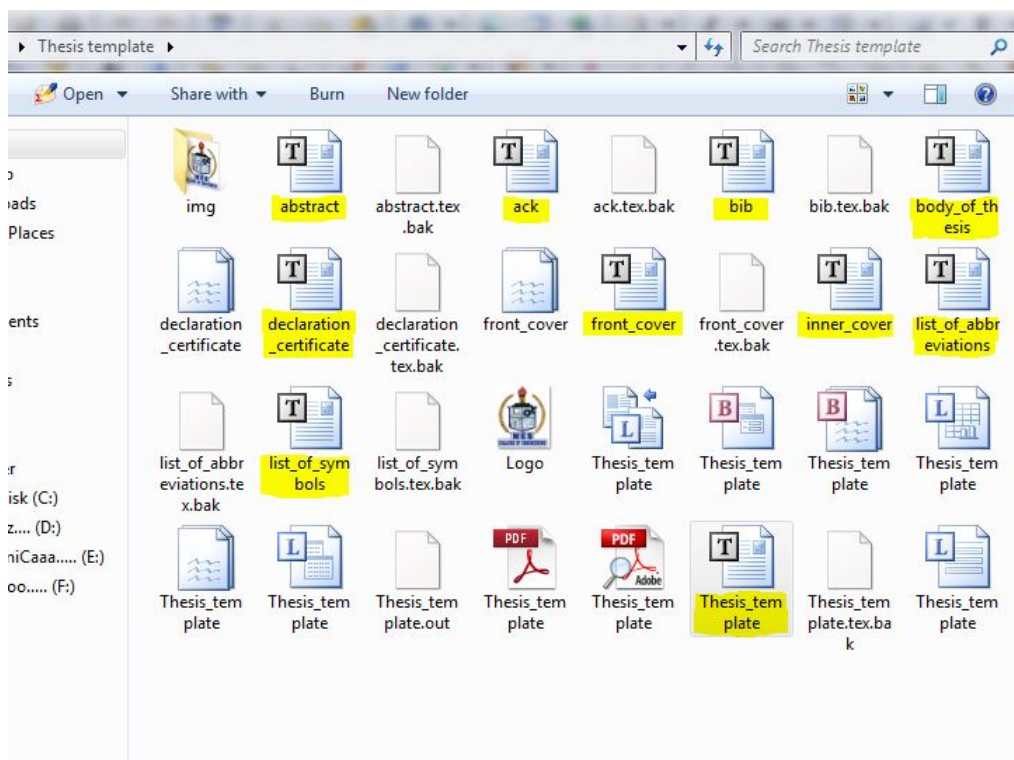
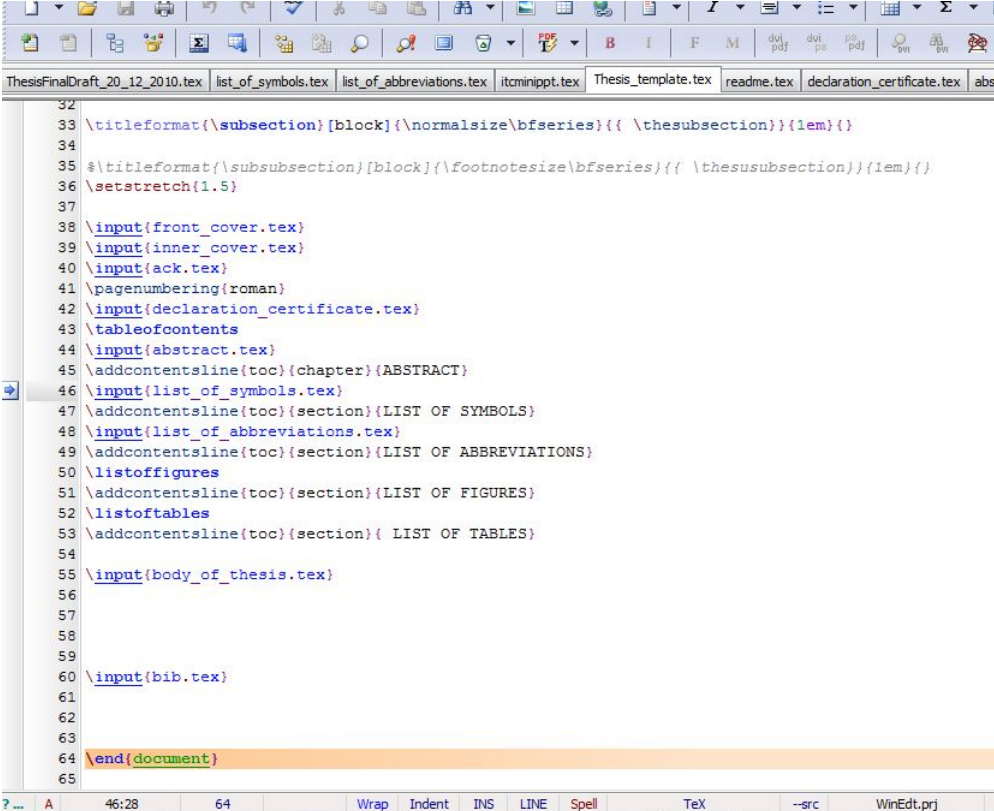


Figure 1.1: The basic layout of Thesis template folder

1.1 THESIS TEMPLATE FOLDER

The folder is named 'Thesis template' as mentioned above. It contains several tex file(as shown in Fig.1.1) namely

- abstract.tex
- ack.tex
- bib.tex
- declaration.tex
- front_cover.tex
- instructions.tex
- list_of_abbreviations.tex
- list_of_symbols.tex
- Thesis_template.tex
- title.tex



```
32
33 \titleformat{\subsection}[block]{\normalsize\bfseries}{\thesubsection}{1em}{}
34
35 \titleformat{\subsubsection}[block]{\footnotesize\bfseries}{\thesubsubsection}{1em}{}
36 \setstretch{1.5}
37
38 \input{front_cover.tex}
39 \input{inner_cover.tex}
40 \input{ack.tex}
41 \pagenumbering{roman}
42 \input{declaration_certificate.tex}
43 \tableofcontents
44 \input{abstract.tex}
45 \addcontentsline{toc}{chapter}{ABSTRACT}
46 \input{list_of_symbols.tex}
47 \addcontentsline{toc}{section}{LIST OF SYMBOLS}
48 \input{list_of_abbreviations.tex}
49 \addcontentsline{toc}{section}{LIST OF ABBREVIATIONS}
50 \listoffigures
51 \addcontentsline{toc}{section}{LIST OF FIGURES}
52 \listoftables
53 \addcontentsline{toc}{section}{LIST OF TABLES}
54
55 \input{body_of_thesis.tex}
56
57
58
59
60 \input{bib.tex}
61
62
63
64 \end{document}
65
```

Figure 1.2: Thesis_template.tex file

Compile the Thesis_template.tex file seen in the folder using any TeX editor of your choice. 'Thesis_template.tex' (in Fig.1.2) comprises the basic layout of the pre-

scribed format of M E S College of Engineering. 'Thesis_template.tex file' is just a layout which arrange tex files in proper order .

<p style="text-align: center;">DECLARATION</p> <p><i>I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institutes of higher learning, except where due acknowledgment has been made in the text.</i></p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>Place : Kuttipuram</p> <p>Date :</p> </div> <div style="width: 45%;"> <p>Signature :</p> <p>Name : ARYA RAVIKUMAR</p> <p>Roll No. : MKANCSP002</p> </div> </div> <p style="text-align: center; margin-top: 20px;">ii</p>	<p style="text-align: center;">CERTIFICATE</p> <p><i>This is to certify that the thesis entitled: "Enhancing Adaptivity in (1,n) Threshold Visual Cryptography" submitted by Ms.ARYA RAVIKUMAR to the M E S College of Engineering, Kuttipuram affiliated to University of Calicut, towards the partial fulfillment of the requirements for the award of the Degree of Master of Technology in Communication Engineering and Signal Processing is a bonafide record of the work carried out by him/her under my four supervision and guidance</i></p> <div style="text-align: right; margin-top: 20px;"> <p>Mrs. Mredhula L.</p> <p>Associate Professor</p> <p>Department of Electronics and Comm. Engg.</p> <p>M E S College of Engineering, Kuttipuram.</p> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="width: 45%;"> <p>Place : Kuttipuram</p> <p>Date :</p> </div> <div style="width: 45%;"> <p>Signature of Head of the Department</p> <p style="text-align: center; margin-top: 20px;">(Office seal)</p> </div> </div> <p style="text-align: center; margin-top: 20px;">iii</p>
--	--

Figure 1.3: Declaration and Certificate page format

Unnecessary files can be excluded by commenting the corresponding input argument in Thesis_template.tex. Essential editing have to be done at places, and they include changing the name of the scholar submitting the thesis, registration number, title of the thesis in the tex files namely 'front_cover.tex', 'inner_cover.tex', 'declaration_certificate.tex'(an example is illustrated in Fig 1.3).

Complete the report by giving documentation in 'ack.tex' where acknowledgment can be given, 'abstract.tex' where a brief abstract of the thesis work can be included and also include contents in 'list_of_abbreviations.tex' and 'list_of_symbols.tex' if any.

The main contents may be given in the 'body_of_thesis.tex' file and necessary labelling and citations should be given at corresponding chapters. The 'bib.tex' may be used for references and an example is shown in Fig 1.4.

```

\begin{thebibliography}{9}
\bibitem{at}Giuseppe Ateniese, Carlo Blundo, Alfredo De Santis, Douglas R. Stinson." Vi-
sual cryptography for general access structures". Information and Computation,
129 (2), pp. 86-106, 1996.
\bibitem{grey} Carlo Blundo, Alfredo De Santis, Moni Naor."Visual cryptography for grey
level images". Information Processing Letters, 75, pp. 255-259, 2000.
\bibitem{err} David J. Balding, David C. Torney, Optimal pooling designs with error detec-
tion. Journal of Combinatorial Theory, Series A 74, 131-140, 1996.
\bibitem{sham} Moni Naor, Adi Shamir. Visual cryptography. Eurocrypt '94, pp. 1-12, 1994.
\bibitem{ext} Mizuho Nakajima and Yasushi Yamaguchi, "Extended Visual Cryptography for Natural Images"
\bibitem{col} Young-Chang Hou, "Visual cryptography for color images," Pattern Recognition, Vol. 36, No. 7, pp. 1619-1629, 2003.
\bibitem{half} Z. Zhou, G.R. Arce and G. Crescenzo, "Halftone visual cryptography," IEEE Transactions on Image Processing, Vol. 15, No. 8, pp. 2441-2453, 2006.
\bibitem{col2} Inkoo kang, G.R. Arce, and H.K. Lee, "Color Extended Visual Cryptography using Error Diffusion," 2009.
\bibitem{blak}G. Blakely, "Safeguarding cryptographic keys", presented at the Proceedings of the AFIPS 1979 National Computer Conference,
vol. 48, Arlington, VA, June 1979, pp. 313-317
\bibitem{tang}Chunming Tang, Zheng-an Yao, "A New (t, n)-Threshold Secret Sharing Scheme", International Conference on Advanced Computer
Theory and Engineering, IEEE 2008 p. 920-924.
\end{thebibliography}

```

Figure 1.4: An example of Referencing in LaTeX

Chapter 2

THESIS FORMAT

A very brief description and guidelines for submission of M.Tech Thesis along with the snapshots are discussed henceforth.

2.1 NO OF COPIES TO BE SUBMITTED TO THE DEPARTMENT

A minimum of four copies of the thesis (only one guide, add one each for additional guides, if required) is to be submitted to the Department. One copy will be returned to the student after signature of guide and Head of Department. One copy each will be given to the guide(s).. The corrections, if any, suggested by the examiners at the time of viva voce examination will have to be incorporated in the thesis before final submission. A soft copy on good quality CD will have to be submitted to the central Library through guide incorporating all the corrections.

2.2 STRUCTURE OF THE THESIS

Facing page: The title of the thesis, author, department, month and year of submission along with the emblem of the Institute will be included on the first cover. This may be made in special quality paper like plastic coated paper. (See Fig. 2.1)

Inner cover: Contents can be same as that of the front cover, but on ordinary A4 size paper(See Fig. 2.2). Three main parts of the thesis can be easily identified. These include the preliminary part, body of the thesis, and reference and appendices (if any)

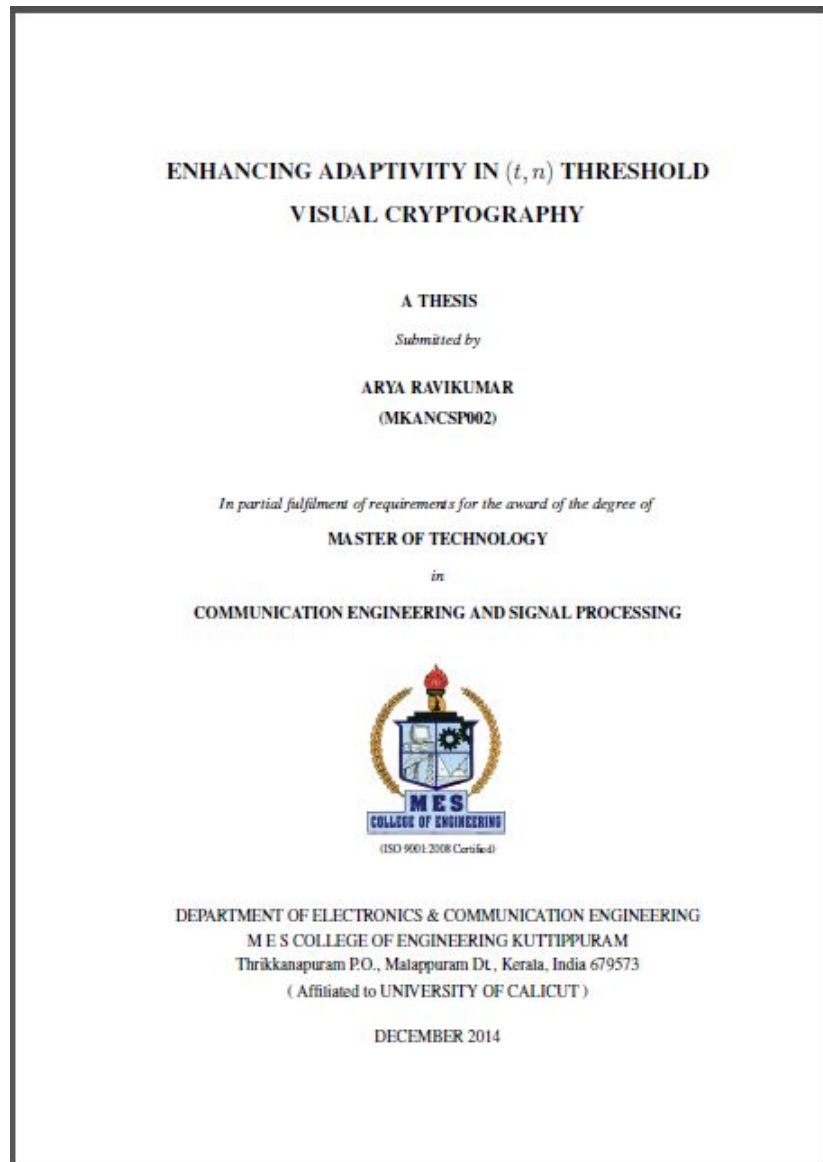


Figure 2.1: The prescribed format for the Facing page

as the concluding or final part.

2.2.1 Preliminary Part

- Acknowledgements, if any Declaration by the author Certificate from supervisor Contents
- Abstract
- List of symbols, if any List of figures, if any List of tables, if any

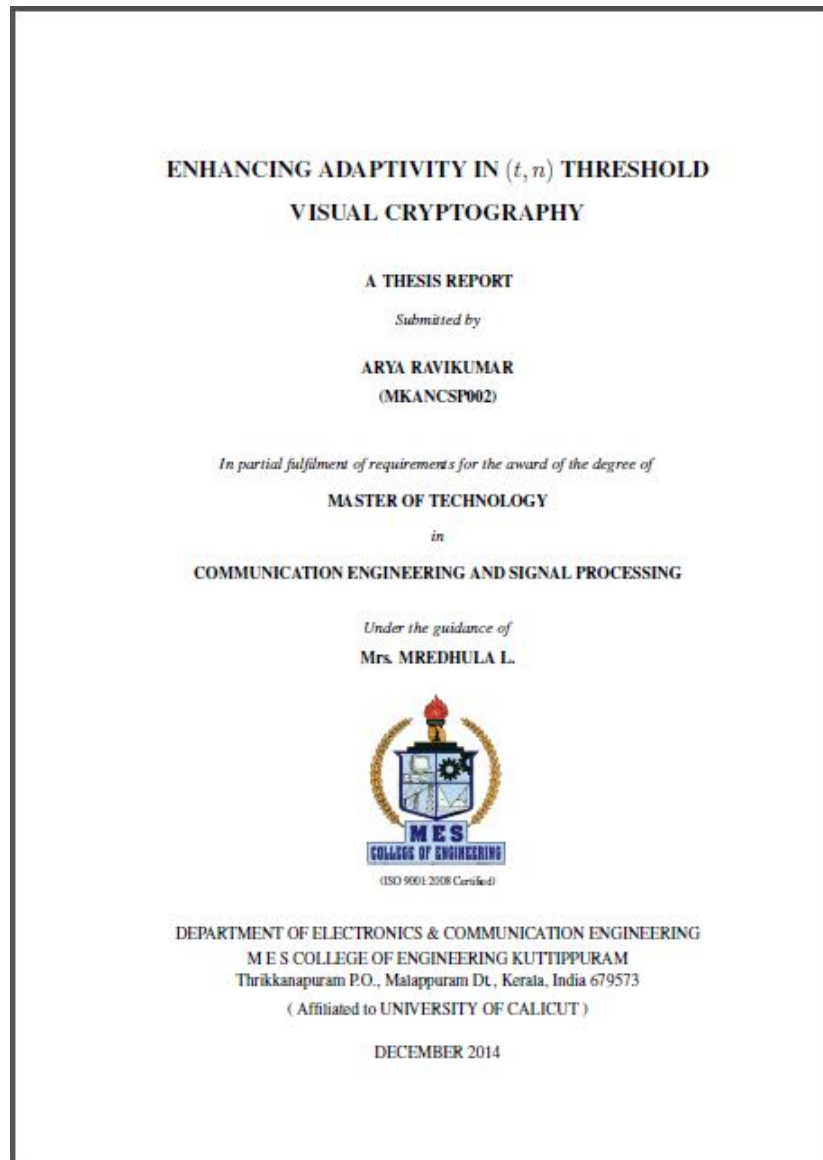


Figure 2.2: The prescribed format for the Inner cover

- List of abbreviations, if any

2.2.2 Body Of The Thesis

- Chapter I INTRODUCTION
 - Motivation,
 - Significance,
 - Literature Survey
 - Problem definition, etc

– Overview of thesis

- Chapter N: CONCLUSIONS AND SUGGESTIONS FOR FURTHER WORK

2.2.3 Concluding Part

- References
- Bibliography (if any)
- Appendix or Appendices

NB: Each chapter must have separate introduction and conclusion

2.3 GUIDELINES REGARDING THESIS CONTENTS

- For defining Chapter title and section use UPPER CASE, and for subsection use Sentence Case.
- Do not give indent for the first paragraph of the chapter,section,subsection etc. and use

`\par`

to give indent for the subsiding paragraphs

- For descending into next paragraph usage of

`\\[10pt] or \\\`

is preferred.

- Describe the chapter inside double spacing, and for that make use of the keyword

```
\chapter{TEXT}

\begin{doublespace}


\end{doublespace}
```

2.3.1 Acknowledgements

The author of the thesis can acknowledge the help and guidance received from different persons in this section. The wording should be formal rather than flowery or exaggerative as it is to be considered only as a method of recording the help received rather than a way of pleasing someone who has helped. Any financial support received from funding agencies in the preparation of the thesis should be definitely stated here.

2.3.2 Contents

This section is automatically generated by the usage of

```
\tableofcontents
```

2.3.3 Abstract

This part of the thesis will be the most widely published and most read because it will be published in Dissertation Abstracts International. It is best written towards the end, but not at the very last minute because you will probably need several drafts. It should be a distillation of the thesis: a concise description of the problem(s) addressed and your method of solving it/them, your results and conclusions. An abstract must be self-contained. Usually they do not contain references. When a reference is necessary, its details should be included in the text of the abstract. The number of words may be limited to 1000 not exceeding two pages

2.3.4 List of symbols

List the Greek symbols first English letters next, lower case letters and upper case letters in this order. Each group should be arranged in alphabetic order.

2.3.5 List of abbreviations

List the abbreviations, particularly those that are not very common , in alphabetical order.

2.3.6 Figures and Tables

List of figures and tables are auto generated by the usage of keywords

`\listoffigures`

and

`\listoftables`

. Thus the need of generating separate files to include list of figures and tables should be avoided.

All figures and tables should have proper captions. Usually the figure captions are written below the figure and table captions on top of the table. All figures should have proper description by legends, title of the axes and any other information to make the figures self- explanatory. Figures in colour are not essential, but if it is essential, can be given. If used, all copies submitted should have figures in colour.

The same numbering scheme can be used for equations also. Only thing to be remembered is that references to the figures are made like Fig 4.2 and equations as Eqn(5.8) and tables as Table 3.8. If there are some appendices, these can be numbered as A1, A2, A3 etc. The equations in these appendices can be numbered as (A1.1), (A2.3) etc.

References can be numbered as 1, 2, 3 etc in the order in which they are referred to in the body of the thesis. A typical reference in the body of the thesis will appear as as stated in [3] or in [3] [5] etc. An alternate way as mentioned in some journals is to arrange the references in the alphabetical order of the names of authors in which case the reference in the body of the thesis looks like as mentioned in (Adam and Eve 1946). However, for uniformity and brevity, the first method (like the one followed in IEEE journals) is to be used.

Bibliography contains material that was useful for the preparation of the thesis in a general way and is not directly referred to in the thesis. IT is not essential, but will be of immense help for a student who tries to read and understand the contents of the thesis.

- References to journal papers should contain the name of the author(s), title of the paper, name of the journal, volume number, issue number, particular pages (pp) and year of publication. If there are more than three authors, it is enough to mention the name of the first author followed by .et.al (meaning and others)

– **Example:**

Benjamin Kuo and Martin Luther: A linear dynamic model for flexible robot manipulators International Journal of Control, Vol. 21, No 3, March 2004, pp 341-349. Or

– **Example:**

Rober Franklin et. al. : A linear dynamic model for flexible robot manipulators International Journal of Control, Vol. 21, No 3, March 2004, pp 341-349.

- Similarly conference papers should mention the name of author(s), title of the paper, name of the conference, place in which the conference was held and

date, month and year of the conference along with the page numbers of the paper in the proceedings of the conference.

– **Example:**

Arantza Sanz and Victor Etxebarria Composite Robust Control of a Laboratory Flexible Manipulator IEEE International Conference on Computers Circuits and Signal Processing, Indian Institute of Science, Bangalore, Dec 2005, pp 1025-1029

- References to books should contain name of the author, title of the book, name of the publisher, edition number, and year of publication. If possible ISBN Number also can be quoted.

– **Example**

Griffths and Manuel: Introduction to Neuro-fuzzy Systems, Prentice Hall Inc, Edition 2, 1998.

2.3.7 Appendices

If there is material that if included in the body of the thesis would break up the flow of reading or bore the reader unbearably, it is better to include it as an appendix. Some items which are typically included in appendices are: major derivations or theoretical developments, important and original computer programs, data files that are too large to be represented simply in the results chapters, pictures or diagrams of results which are not important enough to keep in the main text etc.