

**Name of Organization**

---

NAME OF GROUP/DIVISION

# **Title of the Report: Some Details about the Report**

Nome Cognome <sup>1</sup>

WHAT IS THIS REPORT FOR?

It is for ...  
and BLAH ...

June 4, 2014

<sup>1</sup>Email correspondence to: ✉ [email-id@domain.url](mailto:email-id@domain.url)

## **Abstract**

Insert abstract here.

More stuff to be included.

# Revision History

Revision History:

1. Version 0.1, June 1, 2014. Initial copy of the report.
2. Version 0.2, June 4, 2014. Added chapter on typesetting algorithms.
3. Version 0.3, June 4, 2014. Added chapter on typesetting text.

# Contents

Revision History	i
1 Text	1
2 Mathematics	2
3 Tables	3
4 Figures	4
5 Algorithms	7
Bibliography	10

# Chapter 1

## Text

There are a significant amount of references for helping people to learn L<sup>A</sup>T<sub>E</sub>X [[1–29](#)].

# Chapter 2

## Mathematics

# Chapter 3

## Tables

A template for inserting tables is shown in Table [3.1](#).

Table 3.1: My caption for my table

Level	Use	Features	Abstraction
Level	Use	Features	Abstraction
Level	Use	Features	Abstraction

# Chapter 4

## Figures

A template for inserting figures is shown in Figures [4.1](#), [4.2](#), [4.3](#), and [4.5](#). Also, a TikZ figure is shown in Figure [4.4](#).

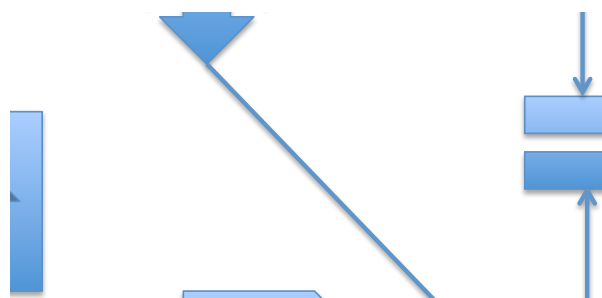


Figure 4.1: Caption for my figure1

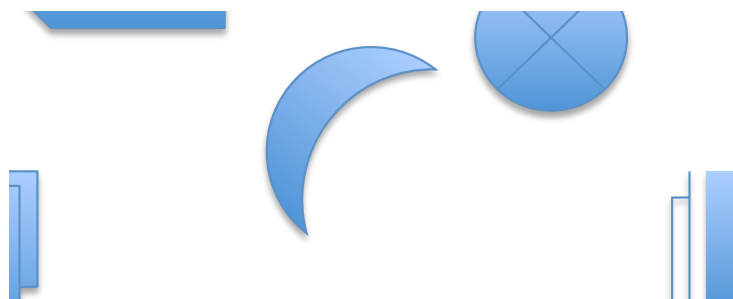


Figure 4.2: Caption for my figure2



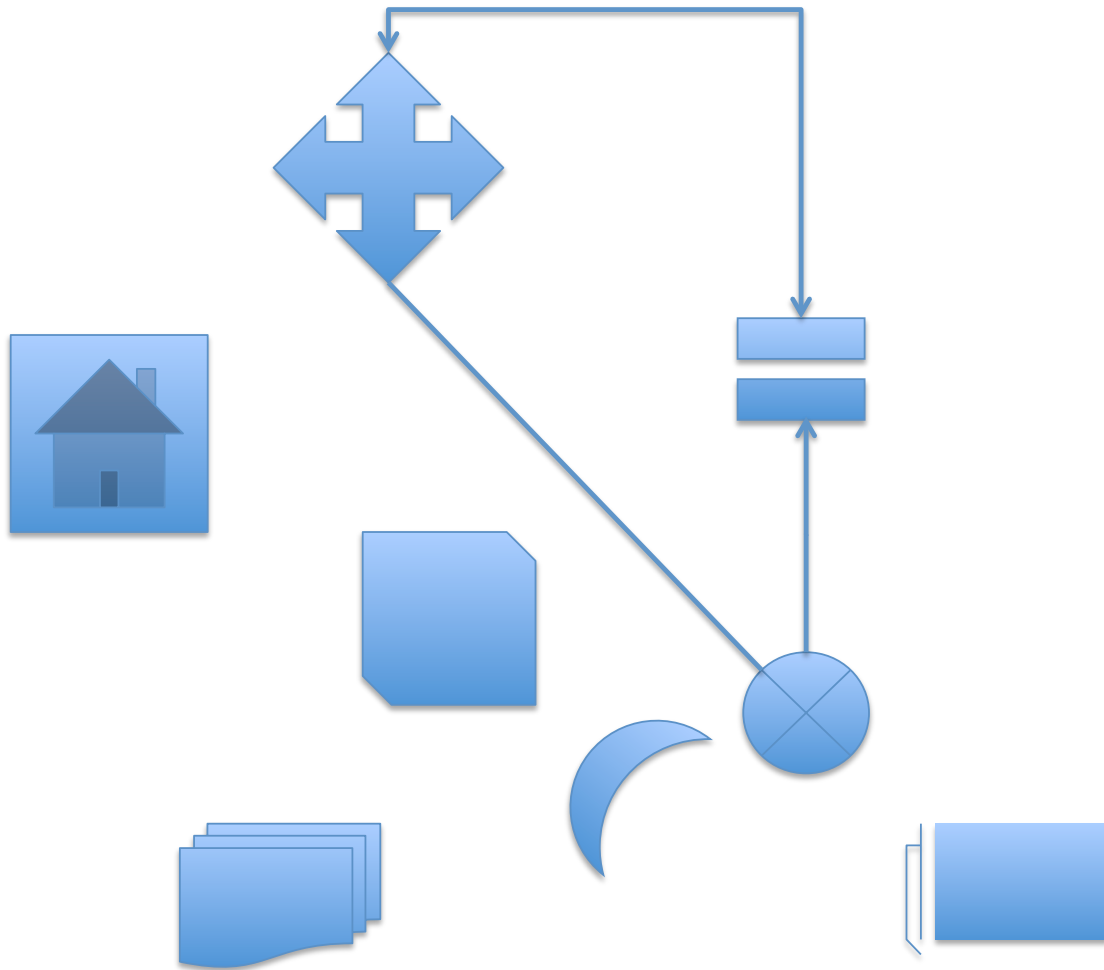


Figure 4.3: Caption for my figure3

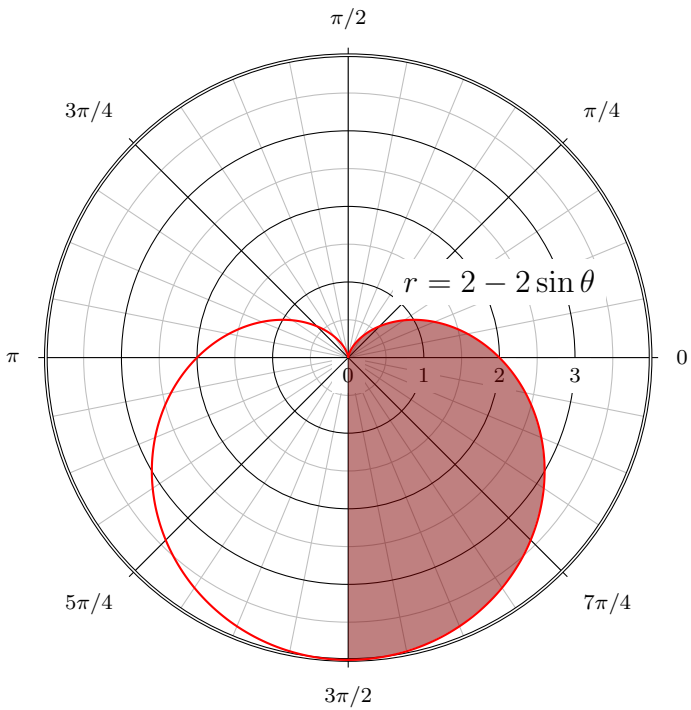


Figure 4.4: My polar plot

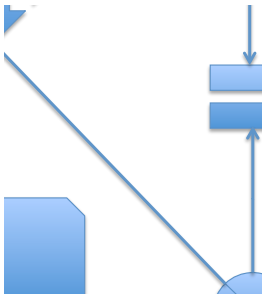


Figure 4.5: Caption for my figure4

# Chapter 5

## Algorithms

A template for typesetting algorithms is shown in PROCEDURE 5.

NAME OF THE ALGORITHM(*ARGUMENTS*)

```
    // Input ARGUMENT #1: Definition1
    // Input ARGUMENT #2: Definition2
1  BODY OF THE PROCEDURE
    // A while loop.
2  while [condition]
3      [Something]
    // A for loop.
4  for Var = [initial value] to [final value]
5      [Something]
    // An if-elseif-else block.
6  if [Condition1]
7      Blah...
8  elseif [Condition2]
9      Blah...
10 elseif [Condition3]
11     Blah...
12 else
13     Blah...
    // A variable assignment.
14 blah = A[j]
    // This is indented with a tab.
    // What is the output of this procedure?
15 return
```

# Bibliography

- [1] Karl Berry and David Walden. TeX People: Interviews from the world of TeX. TeX Users Group, Portland, OR, 2009.
- [2] Donald Bindner and Martin Erickson. A Student's Guide to the Study, Practice, and Tools of Modern Mathematics. Discrete Mathematics and Its Applications. CRC Press, Boca Raton, FL, 2011.
- [3] Thomas H. Cormen. Using the `clrscode3e` package in L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>. Available on Dartmouth College: Department of Computer Science: Prof. Thomas H. Cormen's web page: The `clrscode` and `clrscode3e` packages for L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub> at: <http://www.cs.dartmouth.edu/~thc/clrscode/>; September 18, 2010 was the last accessed date, January 27 2010.
- [4] Antoni Diller. L<sup>A</sup>T<sub>E</sub>X Line by Line: Tips and Techniques for Document Processing. John Wiley & Sons, Chichester, West Sussex, England, U.K., second edition, 1999.
- [5] Michel Goossens, Frank Mittelbach, Sebastian Rahtz, Denis Roegel, and Herbert Voß. The L<sup>A</sup>T<sub>E</sub>X Graphics Companion. Addison-Wesley Series on Tools and Techniques for Computer Typesetting. Addison-Wesley, Reading, MA, second edition, 2007.
- [6] Michel Goossens, Sebastian Rahtz, Eitan M. Gurari, Ross Moore, and Robert S. Sutor. The L<sup>A</sup>T<sub>E</sub>X Web Companion: Integrating TeX, HTML, and XML. Addison-Wesley Series on Tools and Techniques for Computer Typesetting. Addison Wesley Longman Limited, Reading, MA, 1999.
- [7] Michel Goossens, Sebastian Rahtz, and Frank Mittelbach. The L<sup>A</sup>T<sub>E</sub>X Graphics Companion: Illustrating documents with TeX and PostScript. Addison-Wesley Series on Tools and Techniques for Computer Typesetting. Addison-Wesley, Reading, MA, 1997.
- [8] George Grätzer. More Math Into L<sup>A</sup>T<sub>E</sub>X. Springer Science+Business Media, LCC, New York, NY, fourth edition, 2007.
- [9] David F. Griffiths and Desmond J. Higham. Learning L<sup>A</sup>T<sub>E</sub>X. Society for Industrial and Applied Mathematics, Philadelphia, PA, 1997.
- [10] Wilhelmiina Hämäläinen. Scientific writing for computer science students. Technical report, University of Joensuu, Joensuu, Finland, September 20 2006.
- [11] Yannis Haralambous. Fonts & Encodings: From Unicode to Advanced Typography and Everything in Between. O'Reilly Media, Sebastopol, CA, 2007.
- [12] Nicholas J. Higham. Handbook of Writing for the Mathematical Sciences. Society for Industrial and Applied Mathematics, Philadelphia, PA, second edition, 1998.

- [13] Alan Hoenig. TeX Unbound: L<sup>A</sup>T<sub>E</sub>X & T<sub>E</sub>X Strategies for Fonts, Graphics, & More. Oxford University Press, New York, NY, 1998.
- [14] Donald E. Knuth. Digital Typography. Center for the Study of Language and Information – Lecture Notes. University of Chicago Press, Chicago, IL, 1999.
- [15] Helmut Kopka and Patrick W. Daly. Guide to L<sup>A</sup>T<sub>E</sub>X. Addison-Wesley Series on Tools and Techniques for Computer Typesetting. Addison-Wesley, Boston, MA, fourth edition, 2004.
- [16] Sandeep Koranne. Handbook of Open Source Tools. Springer Science+Business Media, LCC, New York, NY, 2011.
- [17] Stefan Kottwitz. L<sup>A</sup>T<sub>E</sub>X Beginner’s Guide: Create high-quality and professional-looking texts, articles, and books for business and science using L<sup>A</sup>T<sub>E</sub>X. Packt Publishing, Birmingham, U.K., 2011.
- [18] Steven G. Krantz. Handbook of Typography for the Mathematical Sciences. Chapman & Hall/CRC, Boca Raton, FL, 2001.
- [19] E. Krishnan. L<sup>A</sup>T<sub>E</sub>X Tutorials: A Primer. Indian TeX Users Group, Trivandrum, India, September 2003.
- [20] Leslie Lamport. L<sup>A</sup>T<sub>E</sub>X: A Document Preparation System. Addison-Wesley, Reading, MA, second edition, 1994.
- [21] Frank Mittelbach, Michel Goossens, Johannes Braams, David Carlisle, and Chris Rowley. The L<sup>A</sup>T<sub>E</sub>X Companion. Addison-Wesley Series on Tools and Techniques for Computer Typesetting. Addison-Wesley, Boston, MA, second edition, 2004.
- [22] Scott Pakin. The comprehensive L<sup>A</sup>T<sub>E</sub>X symbol list. Available online at: <http://mirror.ctan.org/info/symbols/comprehensive/symbols-a4.pdf>; July 1, 2011 was the last accessed date, January 3 2008.
- [23] Eric S. Raymond. The Art of UNIX Programming. Addison-Wesley Professional Computing Series. Pearson Education, Boston, MA, 2004.
- [24] Martin Scharrer. The tikz-timing package: A L<sup>A</sup>T<sub>E</sub>X package for timing diagrams. Available online at: <http://www-inst.eecs.berkeley.edu/~cs150/fa13/resources/tikz-timing.pdf> and <http://latex.scharrer-online.de/tikz-timing>; February 8, 2014 was the last accessed date, January 9 2011.
- [25] Apostolos Syropoulos, Antonis Tsolomitis, and Nick Sofroniou. Digital Typography Using L<sup>A</sup>T<sub>E</sub>X. Springer Professional Computing. Springer-Verlag New York, New York, NY, 2003.
- [26] TeX Users Group. Proceedings of the International Conference on TeX, XML, and Digital Typography: Held Jointly with the 25<sup>th</sup> Annual Meeting of the TeX Users Group, TUG 2004, volume 3130 of Lecture Notes in Computer Science, Xanthi, Greece, August 30-September 3 2004. Springer-Verlag Berlin Heidelberg.
- [27] UIT Cambridge. LatexConditionals. Available online at: <http://www.uit.co.uk/ForAuth/LatexConditionals>; March 20, 2013 was the last accessed date, January 17 2011.

- [28] M. R. C. van Dongen. L<sup>A</sup>T<sub>E</sub>X and Friends. X.media.publishing. Springer-Verlag Berlin Heidelberg, Heidelberg, Germany, 2012.
- [29] Herbert Voss. PSTricks: Graphics and PostScript for T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X. UIT Cambridge, Cambridge, U.K., 2011.