

There is a closed door at the end of
the corridor

Mauricio van der Maesen de Sombreff

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src/thesis.tex

```
1 \documentclass[a5paper,9pt]{book} %
2 \usepackage[utf8]{inputenc} % for input
  encoding
3 \usepackage{amsmath,amsfonts,amssymb} % for
  mathematical symbols and fonts
4 \usepackage{tcolorbox}
5 \usepackage{caption} % Package for better captions
6 \usepackage{eso-pic} % Allows adding elements to
  the page background
7 \usepackage{graphicx} % For including images
8 \usepackage{afterpage} % To control background images
  after specific pages
9
10 \usepackage{listings}
11 \lstset{
12     language=Python, % Set language to Python
13     showstringspaces=false % Prevent spaces from being
  printed as visible characters
14 }
15
16 \usepackage[a5paper, margin=0cm]{geometry} % for page
  layout
17 \usepackage{natbib} % for
  bibliography management
18 \usepackage{setspace} % for
  controlling line spacing
19 \usepackage{xcolor}
20 \usepackage{fancyhdr} % For custom headers and footers
21 \usepackage{microtype} % Improves justification
  and spacing
22
23 \usepackage[colorlinks=false, linktoc=all]{hyperref}
24 \usepackage{footnotebackref}
25 \usepackage[hang, flushmargin]{footmisc}
26 \usepackage[english]{babel}
```

```

27
28 \pagestyle{fancy}           % Set the page style to fancy
29 \fancyhf{}                  % Clear all header and footer
    fields
30 \fancyhead[LE,R0]{\thepage} % Page numbers on the outer
    side
31 \fancyhead[L0,RE]{\nouppercase{\leftmark}} % Chapter
    titles in headers
32
33 % Define colors
34 \definecolor{comment}{rgb}{0.0, 0.5, 0.0} % A darker
    green
35 \definecolor{white}{rgb}{1.0, 1.0, 1.0}
36
37 \geometry{
38     a5paper,                % Set the paper size to A5
39     inner=15mm,              % Inner margin for binding
    (reduced from 25mm)
40     outer=12mm,             % Outer margin (reduced from 20mm)
41     top=15mm,               % Top margin (reduced from 25mm)
42     bottom=12mm,           % Bottom margin (reduced from
    20mm)
43     headsep=7mm,           % Space between header and text
    (proportional to A5)
44     footskip=7mm,          % Space between footer and text
    (proportional to A5)
45     includehead,           % Include header in margin
    calculations
46     includefoot,           % Include footer in margin
    calculations
47 }
48
49 % Command to set the background image for a single page
50 \newcommand\BackgroundPicFrontPage{
51     \AddToShipoutPictureBG*{
52         \AtPageLowerLeft{
53
\includegraphics[width=\paperwidth,height=\paperheight]

```

```

    {assets/background-frontpage.png}
54     }
55     }
56 }
57
58 % Switch to monospace font globally
59 \renewcommand{\familydefault}{\ttdefault}
60
61 % \doublespacing % Use 1.5 line spacing
62 \setcounter{secnumdepth}{3} % number sub-
    subsections
63 \setcounter{tocdepth}{0} % depth of table
    of contents
64
65
66 % Prevent overflow issues
67 \setlength{\emergencystretch}{3em} % Allow slight
    stretching of lines
68 \sloppy % Loosen word spacing
    rules slightly
69 \widowpenalty=10000 % Avoid widow lines
    (single lines at the top of a page)
70 \clubpenalty=10000 % Avoid club lines (single
    lines at the bottom of a page)
71 \brokenpenalty=10000 % Avoid page breaks inside
    paragraphs
72 \raggedbottom % Avoid stretching the
    page vertically
73
74 \begin{document}
75
76 % Set the front page background image
77 \BackgroundPicFrontPage
78
79 \title{\textbf{There is a closed door at the end of the
    corridor}}
80 \author{\textbf{Mauricio van der Maesen de Sombreff}}
81 \date{\the\year}

```

```

82
83 \maketitle      % generate the title page
84
85 % Reset color after front page
86 \ClearShipoutPicture
87 \color{black}
88
89 % \clearpage % Move to the next page (to avoid
background on TOC)
90 \pagestyle{empty} % No page number on the TOC
91 {
92     \newgeometry{
93         a5paper,          % Set the paper size to A5
94         inner=15mm,       % Inner margin for binding
(reduced from 25mm)
95         outer=12mm,       % Outer margin (reduced from
20mm)
96         top=2mm,         % Top margin (reduced from
25mm)
97         bottom=12mm,     % Bottom margin (reduced from
20mm)
98         headsep=2mm,     % Space between header and
text (proportional to A5)
99         footskip=7mm,    % Space between footer and
text (proportional to A5)
100        includehead,     % Include header in margin
calculations
101        includefoot,     % Include footer in margin
calculations
102    }
103    \small
104    \tableofcontents
105    \normalsize
106    \clearpage % Ensure new page for subsequent content
107    \restoregeometry % Restore original margins
108 }
109
110 % \pagestyle{empty} % No page number on the TOC

```



```
111
112 \newpage % Move to the next page after TOC
113 \pagestyle{plain} % Start page numbering again
114
115 \include{preface}
116 \include{introduction}
117 \include{memory}
118 \include{curiosity}
119 \include{neurodiversity}
120 \include{perception}
121 \include{laplace-demon}
122 \include{hypervigilance}
123 \include{wave-function-collapse}
124 \include{emulation}
125 \include{decay}
126 \include{readings}
127
128 \end{document}
129
```