

A Title to the Report

A Catchy Optional Subtitle
that Grabs the Attention

AB123: Optional Course Name

Author

École Polytechnique Fédérale de Lausanne

EPFL

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by

Author

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Project Duration: Month, Year - Month, Year
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EPFL

Preface

A preface...

*Author
EPFL, December 2022*

Summary

A summary..

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Nomenclature

If a nomenclature is required, a simple template can be found below for convenience. Feel free to use, adapt or completely remove.

Abbreviations

Abbreviation	Definition
ISA	International Standard Atmosphere
...	

Symbols

Symbol	Definition	Unit
V	Velocity	[m/s]
...		
ρ	Density	[kg/m ³]
...		

1

Introduction

An introduction... [1]

2

About the Template

This template aims to simplify and improve the (Xe)LaTeX report template by EPFL. Some of the main features:

- **Simplicity First:** A class file that has been reduced by nearly 70% to simplify customization;
- **Effortless:** A careful selection of common packages to get started immediately;
- **Complete:** Ready-to-go when it comes to the document and file structure.

This template works with pdfLaTeX, XeLaTeX and LuaLaTeX. In order to adhere to the EPFL house style, either XeLaTeX or LuaLaTeX is required, as it supports TrueType and OpenType fonts. BibLaTeX is used for the bibliography with as backend biber. Please visit <https://batuhanfaik.github.io/report> for the full documentation.



Figure 2.1: EPFL Campus

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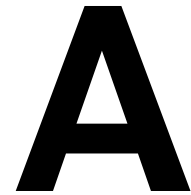
3

Conclusion

A conclusion...

References

- [1] I. Surname, I. Surname, and I. Surname. "The Title of the Article". In: *The Title of the Journal* 1.2 (2000), pp. 123–456.



Source Code Example

Adding source code to your report/thesis is supported with the package listings. An example can be found below. Files can be added using `\lstinputlisting[language=<language>]{<filename>}`.

```
1 """
2 ISA Calculator: import the function, specify the height and it will return a
3 list in the following format: [Temperature,Density,Pressure,Speed of Sound].
4 Note that there is no check to see if the maximum altitude is reached.
5 """
6
7 import math
8 g0 = 9.80665
9 R = 287.0
10 layer1 = [0, 288.15, 101325.0]
11 alt = [0,11000,20000,32000,47000,51000,71000,86000]
12 a = [-.0065,0,.0010,.0028,0,-.0028,-.0020]
13
14 def atmosphere(h):
15     for i in range(0,len(alt)-1):
16         if h >= alt[i]:
17             layer0 = layer1[:]
18             layer1[0] = min(h,alt[i+1])
19             if a[i] != 0:
20                 layer1[1] = layer0[1] + a[i]*(layer1[0]-layer0[0])
21                 layer1[2] = layer0[2] * (layer1[1]/layer0[1])**(-g0/(a[i]*R))
22             else:
23                 layer1[2] = layer0[2]*math.exp((-g0/(R*layer1[1]))*(layer1[0]-layer0[0]))
24     return [layer1[1],layer1[2]/(R*layer1[1]),layer1[2],math.sqrt(1.4*R*layer1[1])]
```

B

Task Division Example

If a task division is required, a simple template can be found below for convenience. Feel free to use, adapt or completely remove.

Table B.1: Distribution of the workload

Task	Student Name(s)
Summary	
Chapter 1 Introduction	
Chapter 2	
Chapter 3	
Chapter *	
Chapter * Conclusion	
Editors	
CAD and Figures	
Document Design and Layout	