



Primeira edição

Título do livro
Subtítulo do livro

Fernando Pujaico Rivera

Lavras/MG

2020

Copyright © 2020 Fernando Pujaico Rivera



Esta obra está liberada com uma Licença Creative Commons Atribuição - NãoComercial - SemDerivações 4.0 Internacional, não é possível usar este arquivo excepto em conformi-

dade com a Licença. Uma copia da licença pode ser obtida em:

<https://creativecommons.org/licenses/by-nc-nd/4.0/>

Limite de responsabilidade e exceção de garantia: O autor tem feito seu melhor esforço na preparação deste material, esta edição deve ser proporcionada sem nenhuma modificação e se distribui gratuitamente com a esperança de que seja útil, porém sem nenhuma garantia expressa ou implícita em relação à exatidão ou completitude do conteúdo.

Garanta o “download” gratuito da versão digital do livro em <http://XXXXXXXXXXXXX.com>. Para verificar a integridade do arquivo na versão digital do livro, pode-se seguir as indicações publicadas no endereço eletrônico do projeto: <https://trucomanx.github.io/XXXXXXXXXXXXX/verificar.html>

Impresso no Brasil – ISBN: XXXXXXXXXXXXX

Publicado: Edição Independente

Diagramação: Fernando Pujaico Rivera

Revisão de texto: Fernando Pujaico Rivera

Capa: Fernando Pujaico Rivera

Pujaico Rivera, Fernando, 1982.

Título do livro: Subtítulo do livro / Fernando Pujaico Rivera.
– Lavras/MG, Edição Independente, 2020.

42 p.: 21.0x29.7.

Inclui Bibliografia

ISBN:XXXXXXXXXXXXX

1. Dança. 2. Samba. 3. Samba de gafieira. I. Título.

CDD: 792.62 CDU: 793.3

Amicum lege feliciter, vivas, gaudeas, floreas in Deo.

Fernando

Agradecimentos

Dou muitas graças a Deus

Patrocínio

Se deseja investir nesta pesquisa, colaborando com o desenvolvimento e crescimento do projeto, então convido você a adquirir um exemplar deste livro. Para ver uma lista com indicações sobre onde comprar uma versão impressa ou digital desta obra, dirija-se a:

- <http://XXXXXXXXXXXX.com/comprarfisico/>
- <http://XXXXXXXXXXXX.com/comprardigital/>

Também pode colaborar com dinheiro em efetivo, desde 15 reais, mediante PIX pelo seguinte código QR:



Se já colaborou com esta pesquisa, e se assim o desejar, sinta-se livre de me mandar um correio eletrônico no endereço fernando.pujaico.rivera@gmail.com, sugerindo a abordagem de um novo assunto ou o aprofundamento em outro. Se seu pedido está dentro das minhas capacidades, este será agregado sem falta na seguinte edição do livro.

Fernando Pujaico Rivera

Prólogo

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Sumário

Prólogo	ix
Listas de dados	xiii
Lista de definições	xiii
Lista de teoremas	xiii
Lista de notações	xiii
Lista de exemplos	xiii
Lista de exercícios	xiii
Lista de informações	xiv
Lista de elaborações	xiv
Lista de frases	xiv
 I Sample of text	 1
 1 An example of chapter title with large legth	 3
1.1 An example of section title with large length	3
1.2 Another title	4
1.3 Another title with a large length	6
1.4 Lists	7
1.4.1 Numbered List	7
1.4.2 Bullet Points	8
1.4.3 Descriptions and Definitions	8

II	Enviroments	9
2	In-text Elements	11
2.1	Boxs	11
2.1.1	Theorems	11
2.1.2	Exercises	12
2.1.3	Examples	14
2.1.4	Definitions	15
2.1.5	Notations	15
2.2	Equationbox	16
2.3	Phrasebox	17
2.4	Attentionbox	17
2.5	Informationbox	17
2.6	Elaborationbox	18
2.7	Notebox	19
2.8	Bullet journal	19
2.8.1	Bulletjournalitem	19
2.8.2	Bulletjournalpicture	20
2.8.3	Bulletjournalarrow	21
2.8.4	Bulletjournalround	21
3	Presenting Information	23
3.1	Table	23
3.2	Figure	25
III	Macros	27
4	Macros	29
4.1	File math-macros.tex	29
IV	Referencias	35
	Bibliografia	37
	Índice	39

Listas de dados

Listas de definições

2.1.1	Definition name	15
-------	-----------------------	----

Listas de teoremas

1.3.1	Name of the theorem	7
2.1.1	Teorema	11
2.1.2	Theorem name	12

Listas de notações

2.1.1	Notation name title very large	15
2.1.2	notation	16
2.8.1	Notation name title very large	22

Listas de exemplos

2.1.1	Example name	14
2.1.2	example	14

Lista de exercícios

2.1.1	Exercise name A	13
2.1.2	exercise	13

Lista de informações

1.1.1	Título A	3
1.2.1	Título B	5
2.5.1	Título A	18

Lista de elaborações

1.2.1	Título C	6
2.6.1	Title of elaborationbox	18
2.6.2	Elaboração	19

Lista de frases

1.0.1	Frase	3
1.1.1	Frase title A	4
2.3.1	Frase title	17

Parte I



Sample of text

An example of chapter title with large length

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

The author name

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

1.1 An example of section title with large length

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Referencia a la Información 1.1.1 (siguiente)



Título A: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Text

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Referencia a las Frases 1.1.1 y 1.0.1

Fraser 1.1.1: Fraser title A

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis.

Autor

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

1.2 Another title

This statement requires citation [[Smi12](#)]; this one is more specific [[Smi13](#), página 122]. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae,

felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna.

Referencia a la Información 1.2.1 (siguiente)



Título B: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.^a

^aSimple footnote example.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.



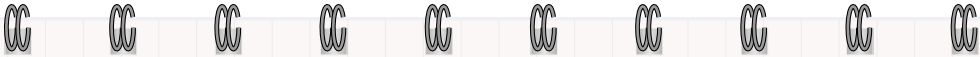
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.^a

^aSimple footnote example.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean

faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Referencia a la Información 1.2.1 (siguiente)



Elaboração 1.2.1: Título C

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

1.3 Another title with a large length

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis,

viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.. See the Theorem 1.3.1.

Teorema 1.3.1

Name of the theorem

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

$$x^2 + e^{-\frac{x^2}{2}} = 1 \quad (1.1)$$

teste

Proof 1.3.1 (Relative to Teorema 1.3.1). *Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.*

$$x^2 + e^{-\frac{x^2}{2}} = 1 \quad (1.2)$$

1.4 Lists

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.¹.

1.4.1 Numbered List

1. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris..
2. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris..

¹Footnote example...

3. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris..

1.4.2 Bullet Points

- Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris..
- Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris..
- Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris..

1.4.3 Descriptions and Definitions

Name Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris..

Word Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris..

Comment Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris..

Parte II



Enviroments

In-text Elements

2.1 Boxes

This section shows a set of environments that pertain to the family of theorem box. These can be the **theorem**, **definition**, **exercise**, **example** and **proof** environment

2.1.1 Theorems

We can reference the Theorem 2.1.1 and 2.1.2. This is an example of theorem.

```
\begin{theorem}
\label{theo:A}
\lipsum[1][1-3]
\begin{equation}
x^2+e^{-\frac{x^2}{2}}=1
\end{equation}
\end{theorem}
```

The last code generates the next theorem.

Teorema 2.1.1

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

$$x^2 + e^{-\frac{x^2}{2}} = 1 \quad (2.1)$$

```
\begin{theorem}[Theorem name]
\label{theo:E}
\lipsum[1][1-3]
\begin{equation}
x^2+e^{-\frac{x^2}{2}}=1
\end{equation}
\end{theorem}
```

Teorema 2.1.2

Theorem name

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

$$x^2 + e^{-\frac{x^2}{2}} = 1 \quad (2.2)$$

This is an example of theorem proof.

```
\begin{proof}\%
[Relative to Teorema \ref{theo:A}]
\lipsum[1][1-3]
\begin{equation}
x^2+e^{-\frac{x^2}{2}}=1
\end{equation}
\end{proof}
```

The last code generates the next proof.

Proof 2.1.1 (Relative to Teorema 2.1.1). *Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.*

$$x^2 + e^{-\frac{x^2}{2}} = 1 \quad (2.3)$$

2.1.2 Exercises

We can reference the Exercises 2.1.1 and 2.1.2. This is an example of exercise.

```
\begin{exercise}[Exercise name A]
\label{exer:A}
\lipsum[1][1-3]
\begin{equation}
x^2+e^{-\frac{x^2}{2}}=1
\end{equation}
\end{exercise}
```

The last code generates the next exercise.

Exercise name A

Exercício 2.1.1: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

$$x^2 + e^{-\frac{x^2}{2}} = 1 \quad (2.4)$$

This is an example of exercise without title.

```
\begin{exercise}
\label{exer:B}
\lipsum[1][1-3]
\begin{equation}
x^2+e^{-\frac{x^2}{2}}=1
\end{equation}
\end{exercise}
```

The last code generates the next exercise.

Exercício 2.1.2: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

$$x^2 + e^{-\frac{x^2}{2}} = 1 \quad (2.5)$$

2.1.3 Examples

We can reference the Examples 2.1.1 and 2.1.2. This is an example of example box.

```
\begin{example}[Example name]
\label{exam:A}
\lipsum[1][1-3]
\begin{equation}
x^2+e^{-\frac{x^2}{2}}=1
\end{equation}
\end{example}
```

The last code generates the next exercise.

Exemplo 2.1.1 — Example name: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

$$x^2 + e^{-\frac{x^2}{2}} = 1 \quad (2.6)$$

This is an example of example box without title.

```
\begin{example}
\label{exam:B}
\lipsum[1][1-3]
\begin{equation}
x^2+e^{-\frac{x^2}{2}}=1
\end{equation}
\end{example}
```

The last code generates the next exercise.

Exemplo 2.1.2: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

$$x^2 + e^{-\frac{x^2}{2}} = 1 \quad (2.7)$$

2.1.4 Definitions

Definition 2.1.1,

```
\begin{definition}[Definition name]
\label{def:A0}
\lipsum[1][1-3]
\begin{equation}
x^2+e^{-\frac{x^2}{2}}=1
\end{equation}
\end{definition}
```

Definition 2.1.1 — Definition name: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

$$x^2 + e^{-\frac{x^2}{2}} = 1 \quad (2.8)$$

2.1.5 Notations

Notations 2.1.1 and 2.1.2

```
\begin{notation}[Notation name title very large]
\label{not:A}
\lipsum[1][1-3]
\begin{equation}
x^2+e^{-\frac{x^2}{2}}=1
\end{equation}
\end{notation}
```

Notation name title very large

Notação 2.1.1: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

$$x^2 + e^{-\frac{x^2}{2}} = 1 \quad (2.9)$$

```

\begin{notation}
\label{not:B}
\lipsum[1][1-3]
\begin{equation}
x^2+e^{-\frac{x^2}{2}}=1
\end{equation}
\end{notation}

```

Notação 2.1.2: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

$$x^2 + e^{-\frac{x^2}{2}} = 1 \quad (2.10)$$

2.2 Equationbox

```

\begin{equationbox}
\begin{equation}
x^2+e^{-\frac{x^2}{2}}=1
\end{equation}
\end{equationbox}

```

$$x^2 + e^{-\frac{x^2}{2}} = 1 \quad (2.11)$$

2.3 Phrasebox

```
\begin{phrasebox}{Frase title}{Fernando P. R.}  
\lipsum[1][1-3]  
\end{phrasebox}
```

Frase 2.3.1: Frase title

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

Fernando P. R.

2.4 Attentionbox

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

```
\begin{attentionbox}  
\lipsum[1][1-3]  
\end{attentionbox}
```



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

2.5 Informationbox

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum

gravida mauris.

```
\begin{informationbox}[Título A]
\lipsum[1][1-3]
\end{informationbox}
```



Título A: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

2.6 Elaborationbox

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

```
\begin{elaborationbox}[Title of elaborationbox]
\lipsum[1][1-3]
\end{elaborationbox}
```

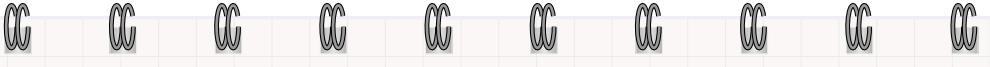


Elaboração 2.6.1: Title of elaborationbox

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.


```
\begin{elaborationbox}
\lipsum[1][1-3]
\end{elaborationbox}
```


 Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

2.7 Notebox

```
\begin{notebox}
\lipsum[1][1-3]
\end{notebox}
```



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

2.8 Bullet journal

2.8.1 **Bulletjournalitem**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

```
\begin{bulletjournalitem}
\tcbitem \lipsum[1][1-3]
```

```
\tcbitem \lipsum[1][2-4]
\tcbitem \lipsum[1][3-5]
\end{bulletjournalitem}
```



Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.



Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna.



Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque.

2.8.2 Bulletjournalpicture

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

```
\begin{bulletjournalpicture}[black]
\tcbitem \lipsum[1][1-3]
\tcbitem \lipsum[1][2-4]
\tcbitem \lipsum[1][3-5]
\end{bulletjournalpicture}
```



1 Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.



2 Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna.



3 Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque.

2.8.3 **Bulletjournalarrow**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

```
\begin{bulletjournalarrow}[black]
\tcbitem First line of text.
\tcbitem Second line of text.
\end{bulletjournalarrow}
```

1 First line of text.

2 Second line of text.

2.8.4 **Bulletjournalround**

```
\begin{bulletjournalround}[colorNotation]
\tcbitem First line of text.
\tcbitem Second line of text.
\end{bulletjournalround}
```

1 First line of text.

2 Second line of text.

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

```
\begin{notation}[Notation name title very large]
Text before bulletjournalround enviroment.
\begin{bulletjournalround}[colorNotation]
\tcbitem First line of text.
\tcbitem Second line of text.
\end{bulletjournalround}
Text out of bulletjournalround enviroment.
\end{notation}
```

Notation name title very large

Notação 2.8.1:Text before bulletjournalround enviroment.

1 First line of text.

2 Second line of text.

Text out of bulletjournalround enviroment.

Presenting Information

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

3.1 Table

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis,

viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris.

```
\begin{table}[h]
\centering
\begin{tabular}{l l l}
\toprule
\textbf{Treat.} & & 
\textbf{Resp. 1} & & 
\textbf{Resp. 2}\\
\midrule
Treatment 1 & 0.0003262 & 0.562 \\
Treatment 2 & 0.0015681 & 0.910 \\
Treatment 3 & 0.0009271 & 0.296 \\
\bottomrule
\end{tabular}
\caption{Table caption}
\end{table}
```

Treat.	Resp. 1	Resp. 2
Treatment 1	0.0003262	0.562
Treatment 2	0.0015681	0.910
Treatment 3	0.0009271	0.296

Tabela 3.1: Table caption

3.2 Figure

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

```
\begin{figure}[h]
\centering
\includegraphics[width=0.3\textwidth]
{placeholder.jpg}
\caption{Figure caption}
\end{figure}
```

Placeholder
Image

Figura 3.1: Figure caption



Search image files in directory: ./pictures

Parte III



Macros

Macros

4.1 File math-macros.tex

```
\begin {equation}  
\FuncOf {f}{x}  
\end {equation}
```

$$f(x) \quad (4.1)$$

```
\begin {equation}  
\MinOf {x}{f(x)}  
\end {equation}
```

$$\min_x f(x) \quad (4.2)$$

```
\begin {equation}  
\ArgMin {x}{f(x)}  
\end {equation}
```

$$\arg_x \min f(x) \quad (4.3)$$

```
\begin {equation}
\ArgMinDef {x}{f}
\end {equation}
```

$$\arg_x \min f(x) = \left\{ x | f(x) = \min_{x'} f(x') \right\} \quad (4.4)$$

```
\begin {equation}
\EigenSet {A}{v}{\lambda }
\end {equation}
```

$$\{v, \lambda | Av = \lambda v\} \quad (4.5)$$

```
\begin {equation}
\InnerProd {x}{y}
\end {equation}
```

$$\langle x, y \rangle \quad (4.6)$$

```
\begin {equation}
\Norm {x}
\end {equation}
```

$$\|x\| \quad (4.7)$$

```
\begin {equation}
\Cardinality {x}
\end {equation}
```

$$\text{card}(x) \quad (4.8)$$

```
\begin {equation}
\DiagFunc {x}
\end {equation}
```

$$\text{diag}(x) \quad (4.9)$$

```
\begin {equation}
\Vector {x}
\end {equation}
```

$$\mathbf{x} \quad (4.10)$$

```
\begin {equation}
\Matrix {x}
\end {equation}
```

$$\mathbf{X} \quad (4.11)$$

```
\begin {equation}
\DtVector {x}
\end {equation}
```

$$\dot{\mathbf{x}} \quad (4.12)$$

```
\begin {equation}
\DDtVector {x}
\end {equation}
```

$$\ddot{\mathbf{x}} \quad (4.13)$$

```
\begin {equation}
\DtMatrix {x}
\end {equation}
```

$$\dot{\mathbf{X}} \quad (4.14)$$

```
\begin {equation}
\DDtMatrix {x}
\end {equation}
```

$$\ddot{\mathbf{X}} \quad (4.15)$$

```
\begin {equation}  
\DPartial {y}{x}  
\end {equation}
```

$$\frac{\partial y}{\partial x} \quad (4.16)$$

```
\begin {equation}  
\DDPartial {y}{x}  
\end {equation}
```

$$\frac{\partial^2 y}{\partial x^2} \quad (4.17)$$

```
\begin {equation}  
\DDPartialXY {z}{x}{y}  
\end {equation}
```

$$\frac{\partial^2 z}{\partial x \partial y} \quad (4.18)$$

Parte IV



Referencias

Bibliografia

- [Smi12] John Smith. *Book title*. 1ª edição. Volume 3. 2. City: Publisher, jan. de 2012, páginas 123–200 (ver página 4).
- [Smi13] James Smith. “Article title”. Em: 14.6 (mar. de 2013), páginas 1–8 (ver página 4).

Índice Remissivo

A

Attentionbox 17

B

Boxs 11
Bullet journal 19
Bulletjournalarrow 21
Bulletjournalitem 19
Bulletjournalpicture 20
Bulletjournalround 21

D

Definitions 15

E

Elaborationbox 18
Equationbox 16
Examples 14
Exercises
 Single Line 12

F

Figure 25

I

Index B 4
Informationbox 17

L

Lists 7
 Bullet Points 8
 Descriptions and Definitions
 8
 Numbered List 7

N

Notations 15
Notebox 19

P

Paragraphs of Text 3

Phrasebox 17

T

Table 23

Theorem family 6

Theorems

 Several Equations 11

Este livro foi produzido por Fernando Pujaico Rivera, editado e diagramado usando \LaTeX , com um tipo de fonte codificação: T1, família: ptm, série: m, e tamanho: 14.4 pt , para ser impresso num papel tamanho 21.0x29.7. Edição criada em XXXXXXXXXXXX 2020.