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MASTER THESIS

Etude de projectile balistique

Mechanical Engineering
at Universite de Toulouse

by

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19th Januar 2038

Time of Project

01/1970 – 01/2038

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List of Abbreviations

LOL	Laughing Out Loud
IMHO	In My Humble Opinion
cste	constant

1 — Structure

Beginning of the content core part and i am trying the acronym `cste` or i can also use constant (`cste`) we can see the different between the two element

1.1 Section

In enim justo, rhoncus ut, imperdiet a, venenatis vitae, justo. Nullam dictum felis eu pede mollis pretium. Integer tincidunt. Cras dapibus. Vivamus elementum semper nisi. Aenean vulputate eleifend tellus. Nulla consequat massa quis enim. Donec pede justo, fringilla vel, aliquet nec, vulputate eget, arcu.

1.1.1 Subsection

Phasellus viverra nulla ut metus varius laoreet. Quisque rutrum. Aenean imperdiet. Etiam ultricies nisi vel augue. Curabitur ullamcorper ultricies nisi. Nam eget dui. Etiam rhoncus. Maecenas tempus, tellus eget condimentum rhoncus, sem quam semper libero.

Subsubsection

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean commodo ligula eget dolor. Aenean massa. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Donec quam felis, ultricies nec, pellentesque eu, pretium quis, sem.

2 — Text Elements

2.1 New Commands

This template provides some new commands:

You can add sources in image / listing captions (see section 3.1), Andromeda University of Melmac You can create definitions or theorems (see section 4.1).

You can format inline code in a paragraph (see section 4.2).

2.2 Acronyms and References

A popular acronym is **LOL**. In My Humble Opinion (**IMHO**) is another one.

Citations can have page numbers [3, p. 473], [1, pp. 359 - 360], but they can be left out as well [5], [2], [6], [4].

You can also add footnotes.¹

¹It is displayed at the bottom of the page.

2.3 Lists

Unordered Lists:

- This is an unordered list.
- Item 2.
- It has three items.

Ordered List:

1. This is an ordered list.
2. Item 2.
3. It has three items.

Ordered List (alphabetical):

- A. This is an ordered list.
- B. Item 2.
- C. It has three items.

3 — Figures

3.1 Images

Figure 3.1 shows how to display images.



Figure 3.1: Image

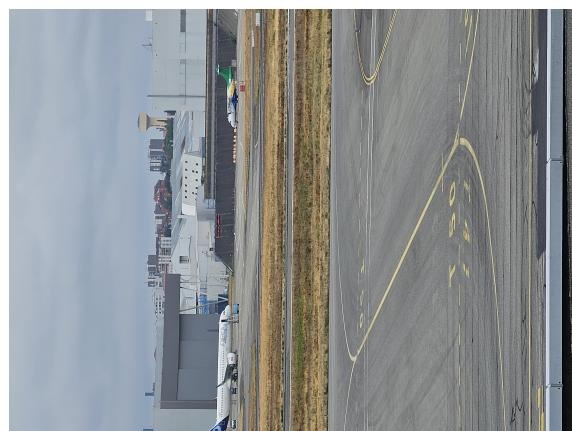


Figure 3.2: Image with Source

Source: [2]



Figure 3.3: Image with Source and Link

Source: J. Doe, <https://example.org>

4 — Conclusion

4.1 Mathematics

4.1.1 Definitions

Definition 1. A function $f : X \rightarrow Y$ is injective if and only if for all $x_1, x_2 \in X$, $x_1 \neq x_2$ implies $f(x_1) \neq f(x_2)$.

4.1.2 Formulas

Formulas can be included inline, e.g. K_E^{CID} to S or as an own block.

$$otp = f_k(i, k), \quad i = 1, \dots, n$$

4.2 Code Listings

Code can be displayed inline, e.g. UPDATE or factorial(n).

Code listings can have numbered lines, captions, syntax highlighting,

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R

Listing 4.1: Code Without Line Numbers

Source: [2]

```
1 public int factorial(int n) {  
2     if (n == 1) {  
3         return 1;  
4     } else {  
5         return n * factorial(n - 1) ;  
6     }  
7 }
```

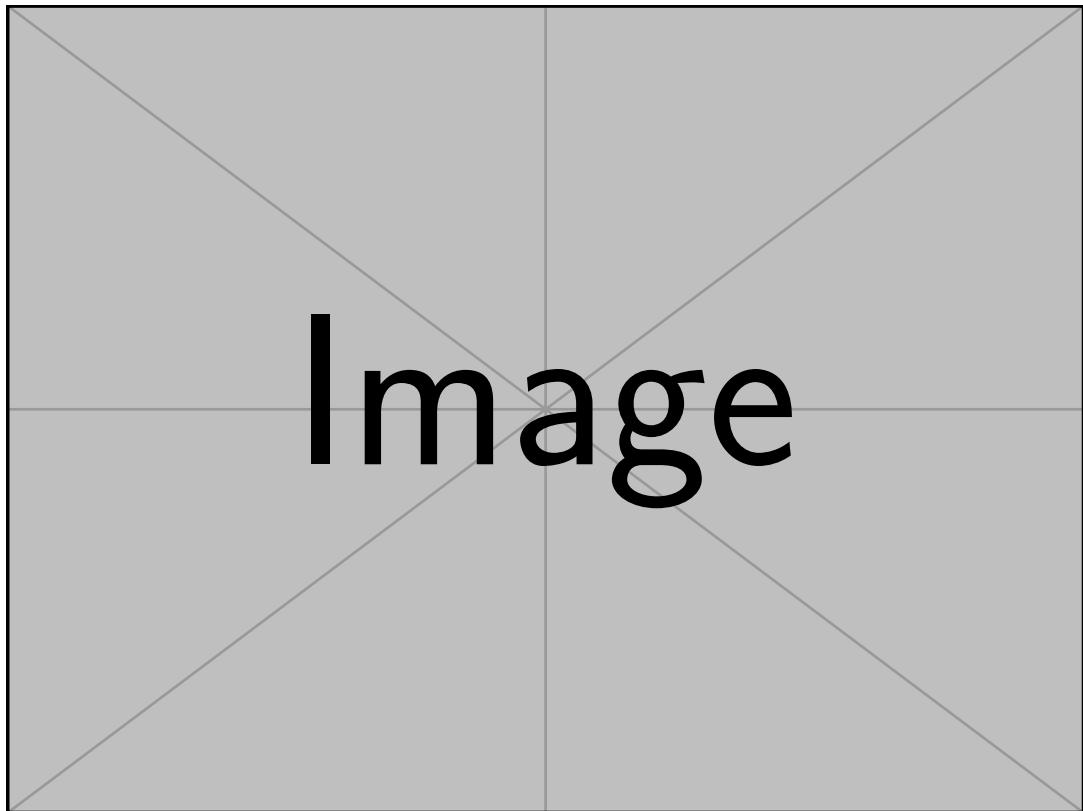
Listing 4.2: Code With Line Numbers

Bibliography

- [1] John Doe. *My Technical Report Regarding Important Topics*. Tech. rep. ABC123-0815. IBM, 2016. URL: <https://example.org>.
- [2] Max Mustermann and Moritz Mustermann. *This is a cool website with funny cat pictures*. June 2016. URL: <https://example.org> (visited on 01/01/2016).
- [3] Jane Smith. *Books: Should you really read them?* 1st ed. Strasbourg: Gutenberg Press, 1460.
- [4] Jane Student. “Important Thesis Title”. Master Thesis. Milky Way University of Melmac, 1989.
- [5] D. Waitzman. *IP over Avian Carriers with Quality of Service*. RFC 2289. Apr. 1999. URL: <https://www.ietf.org/rfc/rfc2549>.
- [6] Tim Writer. “How to write articles”. In: *MyMagazine* 42.01 (Jan. 1984), pp. 770–772.

A — Appendix

Figure A.1: A Big Image



Listing A.1: Fibonacci

```
1 public class Fibonacci {
2     public static long fib(int n) {
3         if (n <= 2) {
4             return 1;
5         } else {
6             return fib(n - 1) + fib(n - 2);
7         }
8     }
9
10    public static void main(String[] args) {
11        for(int i = 1; i < 10; i++) {
12            System.out.println(i + " - " + fib(i));
13        }
14    }
15 }
```