



UNIVERSITÀ
DEGLI STUDI
DI PADOVA



DIPARTIMENTO
DI INGEGNERIA
DELL'INFORMAZIONE

MASTER THESIS IN COMPUTER ENGINEERING

vr app title a

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*To my parents
and friends*

Abstract

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List of Acronyms

CSV Comma Separated Values



Introduction

Random citation [1].
Random footnote.¹

1.1 A SECTION

EXAMPLE OF LIST

- Item 1
- Item 2

1.1.1 A SUBSECTION

EXAMPLE OF ACRONYM

Comma Separated Values (CSV)

EXAMPLE OF ENUMERATION

1. Item 1
2. Item 2

¹<https://lucamartinelli.eu.org>

1.1. A SECTION

EXAMPLE OF QUOTE

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Project management



Analysis of the requirements

Algorithm 1 An algorithm with caption

Require: $n \geq 0$

Ensure: $y = x^n$

$y \leftarrow 1$

$X \leftarrow x$

$N \leftarrow n$

while $N \neq 0$ **do**

if N is even **then**

$X \leftarrow X \times X$

$N \leftarrow \frac{N}{2}$ {This is a comment}

else if N is odd **then**

$y \leftarrow y \times X$

$N \leftarrow N - 1$

end if

end while

$$e^{j\pi} + 1 = 0 \tag{3.1}$$

4

The project

4.1 A SECTION

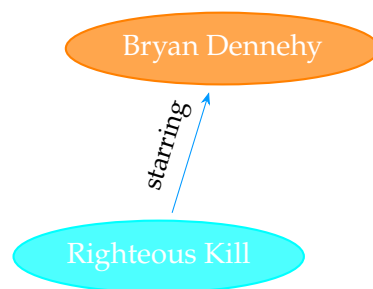


Figure 4.1: Image created with TikZ

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

```
1 import numpy as np
2
3 def incmatrix(genl1, genl2):
4     m = len(genl1)
5     n = len(genl2)
6     M = None #to become the incidence matrix
```

4.1. A SECTION

```
7     VT = np.zeros((n*m,1), int) #dummy variable
8
9     test = "String"
10
11     #compute the bitwise xor matrix
12     M1 = bitxormatrix(genl1)
13     M2 = np.triu(bitxormatrix(genl2),1)
14
15     for i in range(m-1):
16         for j in range(i+1, m):
17             [r,c] = np.where(M2 == M1[i,j])
18             for k in range(len(r)):
19                 VT[(i)*n + r[k]] = 1;
20                 VT[(i)*n + c[k]] = 1;
21                 VT[(j)*n + r[k]] = 1;
22                 VT[(j)*n + c[k]] = 1;
23
24             if M is None:
25                 M = np.copy(VT)
26             else:
27                 M = np.concatenate((M, VT), 1)
28
29             VT = np.zeros((n*m,1), int)
30
31     return M
```

Code 4.1: Code snippet example



Conclusions and Future Updates

A	B
C	D
E	F
G	H

Table 5.1: Table example

References

- [1] Marco Alecci et al. “Development of an IR System for Argument Search.” In: *CLEF (Working Notes)*. 2021, pp. 2302–2318.

Acknowledgments