Degree thesis

Université de Limoges

University of Limoges - Name Degree

Thesis submitted in partial fulfillment of the requirements for the degree of Degree DEGREE DESCRIPTION

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Introduction

chapter 1:

subtitle

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Figure 1: example

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subtitle

```
#Define MAX_SIZE 45

int i = 0;

for (i=0; i<MAX_SIZE; i++)
  printf("Hello, world!");
```

Codice 1: Missing caption

chapter 2:

subtitle

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HQC[1]

Encryption: $c = m * G + e$

Syndrome: $s = c * H^T$

Hamming weight of a error vector: $\mathrm{wt}_{H(e)} = w$

Quasi-cyclic structure (rotation) : $m * G = \sum_{\{i=0\}}^{\{n-1\}} m_i * \mathrm{rot}_{i(g)}$

Fundamental problem (syndrome decoding) : $H * e^T = s$

Decryption: $\widehat{m} = c - \hat{e} * G$

subtitle

chapter 3:

subtitle

t	1	2	3
y	0.3	0.7	0.5

Table 1: Example

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[1]This a foonote

Conclusion

Bibliography

[1] N. ARAGON, O. BLAZY, and P. GABORIT, "Hamming Quasi-Cyclic (HQC) Fourth round version Updated version 19/02/2025."

Appendix