

EXAMPLE UNIVERSITY

INFORMATION SECURITY

INF5021 - EXAMPLE SUBJECT NAME

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# Example Paper Name

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### **Abstract**

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# 1. Example Text

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## 1.1 Another Text Example

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## 1.2 Last Text Example

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## 2. Example Math

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$$\begin{array}{cccccc} -2 & 1 & 0 & 0 & \cdots & 0 \\ 1 & -2 & 1 & 0 & \cdots & 0 \\ 0 & 1 & -2 & 1 & \cdots & 0 \\ 0 & 0 & 1 & -2 & \ddots & \vdots \\ \vdots & \vdots & \vdots & \ddots & \ddots & 1 \\ 0 & 0 & 0 & \cdots & 1 & -2 \end{array}$$

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$$\begin{aligned} \text{codeword} &= m(x) \cdot g(x) \\ &= (1 + x + x^3) \cdot (1 + x + x^3) \\ &= 1 + x + x^3 + x + x^2 + x^4 + x^3 + x^4 + x^6 \\ &= 1 + 2x + x^2 + 2x^3 + 2x^4 + x^6 \\ &= (1, 0, 1, 0, 0, 0, 1) \bmod 2 \end{aligned}$$

### 3. Example Code

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Listing 3.1: A sample Python method

```
1  @staticmethod
2  def get_protocol(url):
3      """Get the protocol (e.g. http, https or ftp) of the given URL.
4
5      Args:
6          url (str): The URL to get the protocol from.
7
8      Returns:
9          str: The URL protocol
10
11      """
12
13      if url not in URLHelper.__cache:
14          URLHelper.__cache[url] = urlparse(url)
15
16      return URLHelper.__cache[url].scheme
```

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## 4. Example Citation

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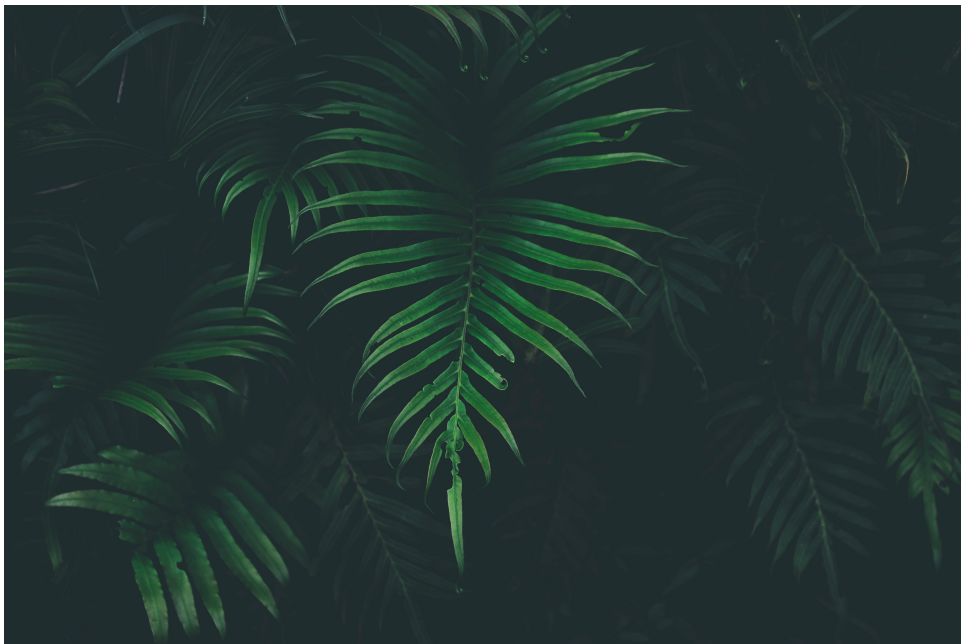
# Bibliography

Glunz, S. W., Preu, R., and Biro, D. (2012). Crystalline silicon solar cells: State-of-the-art and future developments. *aaaaaaaaaaaaaaaa*, pages 11 – 11.

# Appendices

## A. Image 1

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## B. Image 2

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