

EXAMPLE UNIVERSITY

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INF5021 - EXAMPLE SUBJECT NAME

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# Example Paper Name

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### **Abstract**

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**Part I**

**Analysis**

# 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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## Part II

# Examples

## 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 ↵
4         URL.
5
6     Args:
7         url (str): The URL to get the protocol from.
8
9     Returns:
10         str: The URL protocol
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

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam a orci ornare nibh tincidunt molestie sed nec tellus. Morbi non sapien id lorem posuere pretium. Vestibulum commodo cursus purus, a elementum sem imperdiet sit amet. Phasellus posuere dolor dignissim aliquam tempus. Morbi egestas felis in lorem varius, ac egestas ante lacinia. Nulla sed ultrices dui. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Cras rutrum nisl ut ligula tristique gravida. Fusce augue enim, elementum in euismod a, mollis et nunc. Duis vel ipsum eros. Pellentesque odio nisl, bibendum non ex in, sodales laoreet enim. Curabitur eu leo ac urna scelerisque dictum at non tellus<sup>1</sup>.

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<sup>1</sup>Gommers, T. (2017). This is a test citation that links to my homepage. <https://finnwea.com>.

## Part III

## Extra

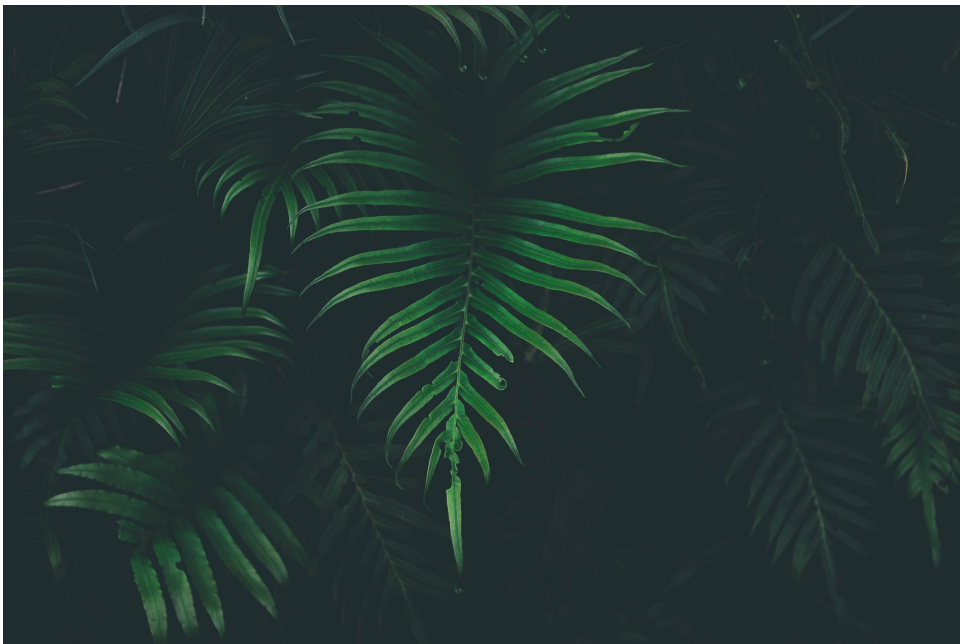
# Bibliography

Gommers, T. (2017). This is a test citation that links to my homepage.  
<https://finnwea.com>.

# Appendices

## A. Image 1

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nam a orci ornare nibh tincidunt molestie sed nec tellus. Morbi non sapien id lorem posuere pretium. Vestibulum commodo cursus purus, a elementum sem imperdiet sit amet.



## B. Image 2

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