


Beijing-Dublin International College

Lecture ID: Lecture name

Lecturer: Lecturer name

Assignment #: name of assignment

Name:	**UCD ID:**

Honesty Pledge:

I clearly understand the Academic Rules of Beijing University of Technology and University College Dublin, and I am aware of the punishment for violating the Rules of Beijing University of Technology and University College Dublin. I hereby promise to abide by the relevant rules and promise the originality of my work. If found violating the rules, I would accept the punishment thereof.

Date: DD/MM/2020

Contents

1 Introduction

Introduction goes here

2 Section 1

First part goes here
This is equation in text: $x^2 + y^2 = 0$
This is equation between lines,

$$\int_0^\infty x^2 + \ln x dx$$

If you need more complex equation,

$$\mathrm{X}(\omega) = \mathcal{F}\{x(t)\} = \sum_{n=0}^{\infty} c_k e^{2\pi n j \omega} \tag{1}$$

3 Section 2

Second part goes here.
Referrence template: cite a journal [1], and a book [2]
Figure template

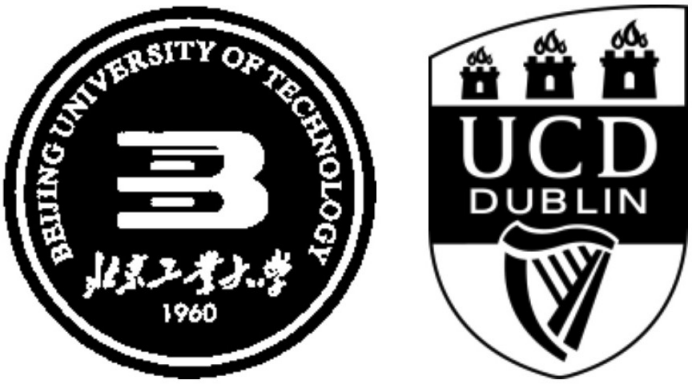

Figure 1: these are our beloved universities

4 Summary

Summary Goes here

References

[1] James W Cooley and John W Tukey. An algorithm for the machine calculation of complex fourier series. Mathematics of computation, 19(90):297–301, 1965.

[2] John G Proakis. Digital signal processing: principles algorithms and applications. Pearson Education India, 2001.

A First appendix

Python code:

```
g = lambda x : x**2
print g(4)

def f(x):
    return x**2
    print f(4)

print f(g(4))
```

Java code:

```
public class MainPanel {
    private GamingControl g;
    private static JFrame create=new JFrame("SpaceGame");
    public MainPanel() throws IOException {
        g=new GamingControl();
    }
}
```

B Second appendix