DONG-EUI UNIVERSITY

Lorem Ipsum

subject

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학번	id
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제출	2021-05-15

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Abstract

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1 Introduction

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2 chapter

2.1 section

2.1.1 subsection

2.1.1.1 subsubsection

paragraph

subparagraph

2.2 Font

Command	Environment	Output
\textrm{}	\rmfamily	roman
\textsf{}	\sffamily	sans serif
\texttt{}	\ttfamily	typewriter
\textmd{}	\mdseries	medium
\textbf{}	\bfseries	**bold**
\textup{}	\upshape	upright
\textit{}	\itshape	*italic*
\textsl{}	\slshape	slanted
\textsc{}	\scshape	small caps
\emph{}	\em	*emphasized*
\textnormal{}	\normalfont	normal

Command	Output
\tiny	tiny
\scriptsize	scriptsize
\footnotesize	footnotesize
\small	small
\normalsize	normalsize
\large	large
\Large	Large
\LARGE	LARGE
\huge	huge
\Huge	Huge

2.3 Text

'single quote' "double quote"

noindent

parindent

Lorem ipsum

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.

$$y = Wx + b \tag{2.1}$$

verb

verbatim

Figure 2.1은 5 page

가 가, 를 을, 과 와, 로 로, 는 은, 이라 라

footnote[1]

[1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] [12] [13] [14]

KTUG

Ultra Violet Scuba Blue

2.4   Alignment

flushleft

<div align="center">center</div>

<div align="right">flushright</div>

2.5   List

2.5.1   itemize

- 1
- 2
- 3

- First Level
    - Second Level
        - Third Level
            - Fourth Level

2.5.2   enumerate

1. 1
2. 2
3. 3

1. First level item
2. First level item

---

[1]LaTeX

a) Second level item

b) Second level item

    i. Third level item

    ii. Third level item

        A. Fourth level item

        B. Fourth level item

1. The labels consists of sequential numbers.

   - The individual entries are indicated with a black dot, a so-called bullet.
   - The text in the entries may be of any length.

2. The numbers starts at 1 with every call to the enumerate environment.

2.5.3 decription

a 1

b 2

c 3

2.6 Figures

Figure 2.1: figure

2.7   Tables

cell	cell	cell
cell	cell	cell
cell	cell	cell

cell1	cell2	cell3
cell4	cell5	cell6
cell7	cell8	cell9

col1	col2	col3
cell1	cell2	cell3
cell4	cell5	cell6
cell7	cell8	cell9

Table 2.1: table

2.8   Code

```python
import numpy as np

def incmatrix(genl1,genl2):
    m = len(genl1)
    n = len(genl2)
    M = None #to become the incidence matrix
    VT = np.zeros((n*m,1), int)  #dummy variable

    #compute the bitwise xor matrix
    M1 = bitxormatrix(genl1)
    M2 = np.triu(bitxormatrix(genl2),1)

    for i in range(m-1):
        for j in range(i+1, m):
            [r,c] = np.where(M2 == M1[i,j])
            for k in range(len(r)):
                VT[(i)*n + r[k]] = 1;
                VT[(i)*n + c[k]] = 1;
                VT[(j)*n + r[k]] = 1;
```

```python
20              VT[(j)*n + c[k]] = 1;

21

22          if M is None:

23              M = np.copy(VT)

24          else:

25              M = np.concatenate((M, VT), 1)

26

27          VT = np.zeros((n*m,1), int)

28

29      return M
```

3   Conclusion

Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Etiam lobortis facilisis sem. Nullam nec mi et neque pharetra sollicitudin. Praesent imperdiet mi nec ante. Donec ullamcorper, felis non sodales commodo, lectus velit ultrices augue, a dignissim nibh lectus placerat pede. Vivamus nunc nunc, molestie ut, ultricies vel, semper in, velit. Ut porttitor. Praesent in sapien. Lorem ipsum dolor sit amet, consectetuer adipiscing elit. Duis fringilla tristique neque. Sed interdum libero ut metus. Pellentesque placerat. Nam rutrum augue a leo. Morbi sed elit sit amet ante lobortis sollicitudin. Praesent blandit blandit mauris. Praesent lectus tellus, aliquet aliquam, luctus a, egestas a, turpis. Mauris lacinia lorem sit amet ipsum. Nunc quis urna dictum turpis accumsan semper.

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