# Complex Analysis

## Li Hao

May 2, 2017

# 1 CHAP.1 FUNDAMENTALS

Three presentation of complex numbers.

Mastering, hindsight, a drag at the time, tougher and meatier, gobsmacked, hocus-pocus, nail this idea down, onto/ono-one and isomorphism, intuitive and dramatic manner, to drive this point home, a blind bit of difference, emotional attachment, zillion times, be worried sick that, muddle and confusion, inscrutable, blunder, marmelised, soothing exercises, sober up

### 1.1 Some soothing exercises

Lorem ipsum dolor sit amet, consectetuer adipiscing elit.

$$A = \begin{bmatrix} A_{11} & A_{21} \\ A_{21} & A_{22} \end{bmatrix} \tag{1.1}$$

Aenean commodo ligula eget dolor. Aenean massa. Cum sociis natoque penatibus et magnis dis parturi

#### 1.1.1 HEADING ON LEVEL 3 (SUBSUBSECTION)

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

HEADING ON LEVEL 4 (PARAGRAPH) Suspendisse vel felis. Ut lorem lorem, interdum eu, tincidunt sit amet, laoreet vitae, arcu. Aenean faucibus pede eu ante. Praesent enim elit, rutrum at, molestie non, nonummy vel, nisl. Ut lectus eros, malesuada sit amet, fermentum eu, sodales cursus, magna. Donec eu purus. Quisque vehicula, urna sed ultricies auctor, pede lorem egestas dui, et convallis elit erat sed nulla. Donec luctus. Curabitur et nunc. Aliquam dolor odio, commodo pretium, ultricies non, pharetra in, velit. Integer arcu est, nonummy in, fermentum faucibus, egestas vel, odio.

# 2 Lists

# 2.1 Example of List (3\*ITEMIZE)

- First item in a list
  - First item in a list
    - \* First item in a list
    - \* Second item in a list
  - Second item in a list
- · Second item in a list

# 2.2 Example of list (enumerate)

- 1. First item in a list
- 2. Second item in a list
- 3. Third item in a list