An initial paragraph at the top ...

Chapter 1

Intro

This is the introduction.

Chapter 2

Background

This is the background.

Chapter 3

Counters

- chapter: 3, iii
- section: 3.0,
- subsection: 3.0.0,
- theorem: 0,
- equation: 3.0,

3.1 Numbered lists

1. (1,)
   (A) (1, A)
   (B) (1, B)
2. (2, B)
   (A) (2, A)
   (B) (2, B)
   (C) (2, C)
3. (3, C)
   - (3, C)
   - (3, C)
4. (4, C)

3.2 Internal counters

These do not have corresponding `thecounter` commands.

- `tocdepth`: 1
- `secnumdepth`: 2

3.3 Paragraphs

The `paragraph` and `subparagraph` counters are only incremented if `secnumdepth` is set to 4 and 5 respectively.

3.3.1 SS Title

3.3.1.0.1 First paragraph blah blah

3.3.1.0.1.1 First subparagraph blah blah

- 3.3.1.0.1 blah
- 3.3.1.0.1.1 blah blah

This is a starred paragraph. We can reset `theparagraph`, to `Alph` here ...

B Second paragraph blah blah

B.1 Second subparagraph blah blah

3.4 Theorems

Definition 1. This is a definition

Lemma 2. *This is a lemma*

Theorem 3. *This is a theorem.*

Proof. This is a proof □

3.4.1 Some remarks

Remark 4. This is a remark.

Exercise 5. This is an exercise.

c
3