

# Test Advanced Workshop Report

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# Chapter 1

## First

### 1.1 Introduction

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replace with  
my text

## Chapter 2

# Advanced Float Options

### 2.1 Subfigures



(a) Sub1



(b) Sub2

Figure 2.1: Ex subfigs

I can refer to Subfigure 2.1a or the whole Figure 2.1 with the labels.

### 2.2 More on Tables

Comb Columns		
cell1	cell2	cell 3
Multi	cell 4	cell 5
Row	cell6	cell7

Table 2.1: Caption

## Chapter 3

# Other Content Considerations

Can add own commands easily too - for example:  $\rightleftharpoons$  (rightleftharpoons is quite long...)

Instead:  $\rightleftharpoons$

Or Figure [2.1](#)

## Chapter 4

# Citation Options

Today Biblatex is most advanced citation package and can handle details of styles like APA and includes more reference types and fields.

Plus advanced in-text citation options too [\[1\]](#), [\[2\]](#)

# Chapter 5

## Tips & Resources

### 5.1 Tips:

- Demo small chunks of code
- Check what is causing errors after each chunk of code (logs and output files - and look up what they mean!)
- Use table converters (there are lots!)
- Overleaf for collaborations & subscribed options (direct citation manager link, GitHub integrations and more)

### 5.2 Helpful Resources:

- [Cheat Sheet for BibLaTeX](#)
- [APA BibLaTeX commands](#)
- Overleaf has lots of tutorials and help, be sure to check those out! Plus [VT's Overleaf page](#) has templates and other info. Also see Overleaf's [Quick Guide](#) and [Keyboard Shortcuts](#).
- [StackExchange](#) and similar sites have lots of Q&A (I use these all the time!)
- For packages and documentation, check out [ctan.org](#) (over 6k - no way to know all and some conflict)
- Last you can check our library for [LATEX](#) books - there have been lots published, including ones for other types of documents like presentations (Beamer).

# Bibliography

- [1] H. Kalita and J. Thangavelautham, “Exploration of Extreme Environments with Current and Emerging Robot Systems,” *Current Robotics Reports*, vol. 1, no. 3, pp. 97–104, Sep. 1, 2020, ISSN: 2662-4087. DOI: [10.1007/s43154-020-00016-3](https://doi.org/10.1007/s43154-020-00016-3). [Online]. Available: <https://doi.org/10.1007/s43154-020-00016-3> (visited on 02/01/2024).
- [2] C. Takahashi, M. Giuliani, B. Lennox, W. R. Hamel, R. Stolkin, and C. Semini, “Editorial: Robotics in Extreme Environments,” *Frontiers in Robotics and AI*, vol. 8, 2021, ISSN: 2296-9144. [Online]. Available: <https://www.frontiersin.org/articles/10.3389/frobt.2021.744092> (visited on 02/01/2024).