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# Introduction

The first chapter has three purposes

* What are the challenges? Why is this work needed?
* (State-of-the art. Give key citations.)
* What are the results offered by this work? To what extent have the challenges been tackled by this P+S. Summarize the key results.

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# Theory

Very briefly explain the theory behind your work and discuss the key parameters that have to be optimized. This chapter will allow a reader in the field to read the next chapters without looking up books. Key results and derivations are given. The theory may be derived from literature – but proper citing is expected. The material however has to be made up in a consistent way and a common nomenclature has to be used throughout the report.

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|  |  | (2.2) |
|  |  | (2.3) |

## Heading 2

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# Tasks and Methods

Guide the audience through the tasks of your work (simulations, measurements, analysis, etc.) and briefly discuss the methods explored.

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# Results and Discussion

This chapter comes with results. Explain the reader how you performed your simulations. Show your simulated results and compare them to what you expected. Explain what is learnt/achieved with these experiments and explain the gravity of your findings.

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Table .: Caption

# Conclusion and Outlook

Summarize the P+S. Give results and give numbers as to what has been achieved.

Vision – tell the bigger vision of what might come next and how the world is going to change if the results are realized ☺.

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