Book Title

Author Name

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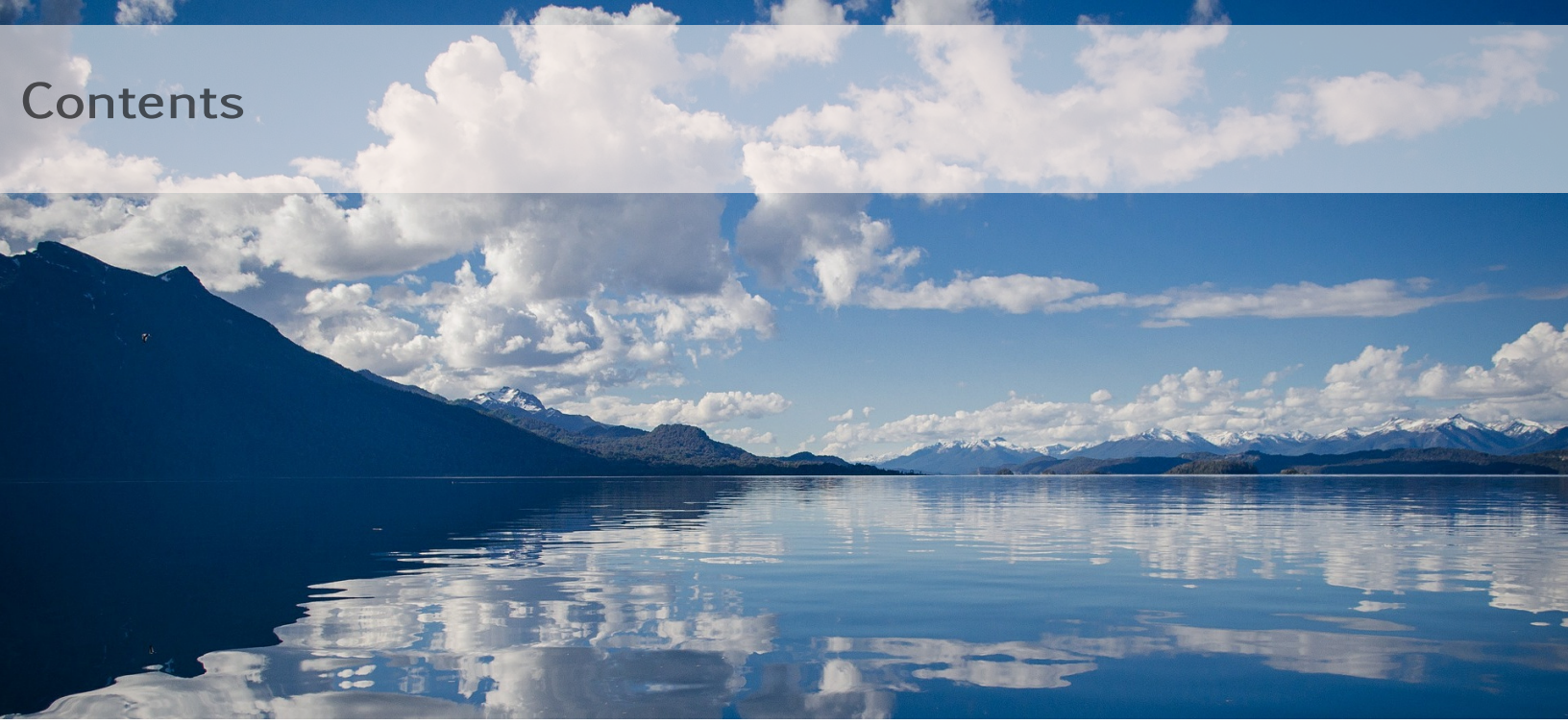
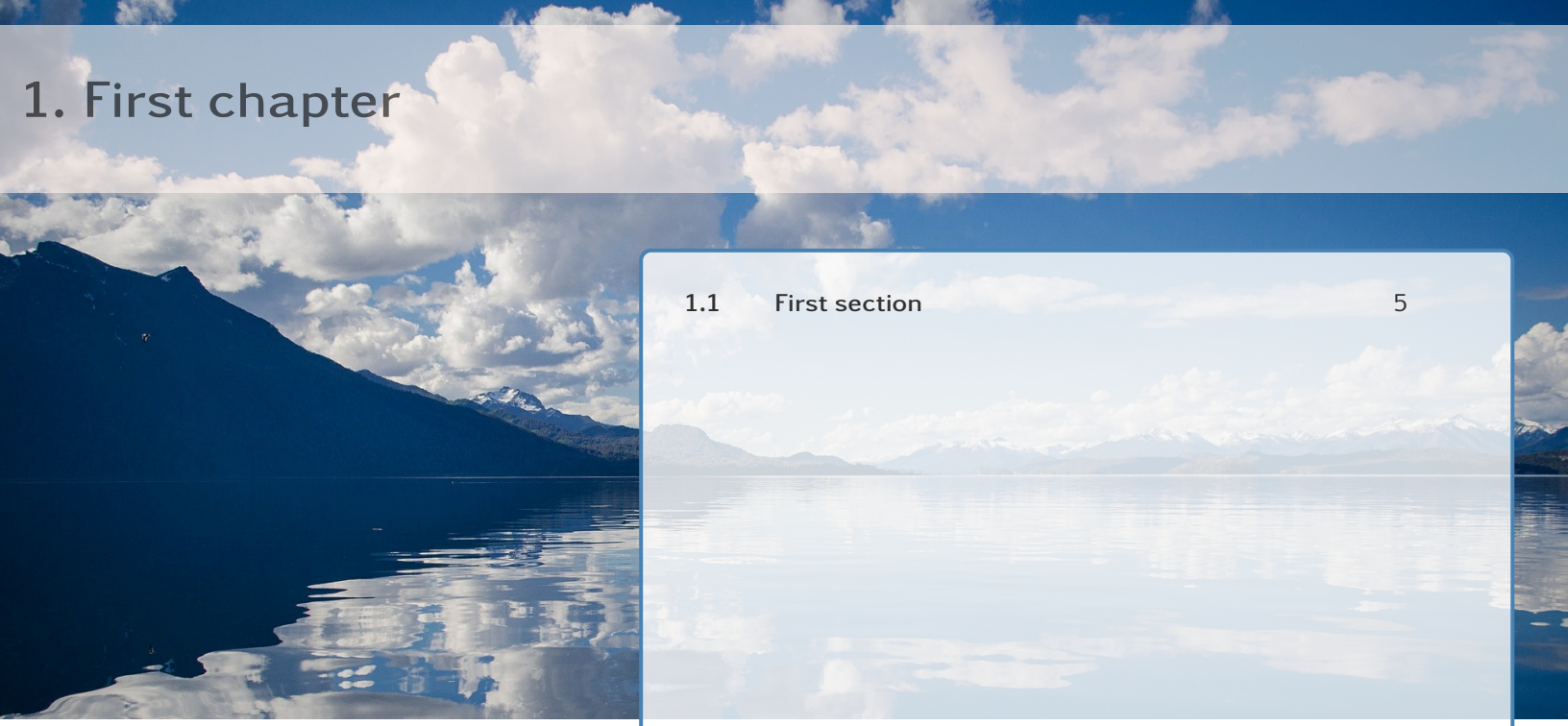


1 First chapter 5

1.1 First section 5

1. First chapter



1.1 First section 5

This first chapter illustrates how to use various elements of this text book template, such as definitions, theorems and exercises. You may want to start each chapter with a meta summary like this one, to explain to the reader what the chapter is all about, why it is important and how it fits into the bigger picture of the book. Another useful tip is to put the contents of each chapter into a separate LaTeX file and then use the command `\input{}` *to include the chapter in the main document.*

1.1 First section

We prove the first of De Morgan's laws and leave the proofs of the remaining propositions as exercises. To prove the statement, we create a truth table and fill in all possible values (true or false) for the propositions P and Q. Each of these propositions can be either true or false and we thus obtain the following truth table with four cases: