Sample use of automatic numbering

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List of examples

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\mathbf{List}	of exercises	
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3		2
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1.1	Needed for the second exercise	1
2.1	Theorem	2
2.2	Theorem	2

This is the first section

Exercise 1

This is the first exercise. Have also a look at the Theorem 1.1 (Needed for the second exercise), the exercise 2 and the exercise 3.

Theorem 1.1: Needed for the second exercise

This is a the first theorem. Look at the exercise.

Exercise 2 (This is the second exercise)

Use theorem 1.1 page 1

Example 1 This is the first example of the first section

Example 2 This is the second example of the first section

This is the second section

Example 1 This is the first example of the second section

Theorem~2.1

Another theorem. Can be useful in

Theorem 2.2

A last theorem.

Example 2 This is the second example of the second section

Exercise 3

This is the third exercise.

Unnumbered #