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Chapter 1

Label and Reference

1.1 Label

LATEX allows to label a numbered item by a unique reference key, which can be used to refer the item in any part within the same document (unnumbered items, say paragraph, cannot be referred in this way). The labeling and referring of an item are performed through and 1.1 respectively, where 1.1 is the assigned unique reference key of the item.

1.2 Reference

The reference key of an item can be assigned by the user or automatically. The user can assign the reference key of an item by `labelrkey` command, where `rkey` is the assigned reference key. The automatic assignment of reference key is performed by `labelsec:reference` command, where `sec:reference` is the automatically assigned reference key. The automatically assigned reference key is composed of the prefix of the item and a number, which is automatically increased by 1 for each new item of the same prefix. For example, the automatically assigned reference key of the first section of this chapter is `sec:reference`, and the automatically assigned reference key of the second section of this chapter is `sec:label`. The definition is given in section 1.1

Chapter 2

Page reference

The page reference is similar to the item reference, except that the reference key is automatically assigned by the `label` command. The reference key of a page is composed of the prefix `page` and a number, which is automatically increased by 1 for each new page. For example, the automatically assigned reference key of the first page of this chapter is `page1`, and the automatically assigned reference key of the second page of this chapter is `page2`.

The definition is given in page 3.

Keep practice on page 3