

This is a first document - cross ref

1 First Section

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1.1 a little bit explanation

The ommand always refers to the previous numbered entity: a section, an equation, a float, etc. That means that lways has to come after the thing you want to refer to. In particular, when you create floats, the as to come after (or better, in), the command, but within the float environment. circumferences

$$circumferences = 2\pi r \tag{1}$$

1.2 subsection

below is the formual to find circle area

$$area = \pi r^2 \tag{2}$$

In subsection 1.2 is equation 2.
in subsection 1.1 is equation 1. ::: will not work not in the begin equation
end