Default Style

English

Theorem 1. Just a text

Theorem 2 (Caption). Just a text

Definition 1. Just a text

Definition 2 (Caption). Just a text

Russian

Теорема 3. Just a text

Теорема 4 (Caption). Just a text

Styling

Theorem 5. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut.

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magnam aliquam quaerat voluptatem. Ut enim aeque doleamus animo, cum corpore dolemus, fieri tamen permagna accessio potest, si aliquod aeternum et infinitum impendere malum nobis opinemur. Quod idem licet transferre in voluptatem, ut.

Figure 1: Lorem ipsum dolor sit amet.

Custom commands

Problem 1. What $1 + 1$ equals to in $\mathbb{Z}_2$?

Solution. Observe that $1 + 1$ is 2, and $2 \bmod 2$ is 0. Hense, the answer is 0.

Problem 2*. Prove that $\mathbb{Z}_2$ is a field.

Hint: Verify all axioms of a field exaustively.

Supported features

Theorem 6. Just a theorem.

Theorem. Just a theorem without number.

Lemma 7. Setting kind to "theorem" makes "lemma" share numbering with it.

Theorem 8 (Author). Just a theorem with caption.

Proof. Just a proof. ∎

Proof. Just a proof without `math.qed` at the end.

Definition 3. Just a definition.

Definition 4. Just a definition that references Def. 3.

Apology 1. Custom element before applying any styling.

Postulate 1. Custom element with specified styling.

Problem 3. Custom element with generic styling.

Languages support

Теорема 9. Lorem ipsum dolor sit amet.

Teorema 10. Lorem ipsum dolor sit amet.

Satz 11. Lorem ipsum dolor sit amet.

定理 12. Lorem ipsum dolor sit amet.

Supported languages: en, ru, de, fr, es, it, pt, pl, cs, zh, ja, ko, ar,

Russian Numbering

1. Plain numbering (default)

Definitions (in Russian):

Определение 5.

Определение 6.

$$f^o r_m u^l a \tag{1}$$

2. Per-section numbering

Определение 2.1.

Определение 2.2.

$$f^o r_m u^l a \tag{2.1}$$

3. Per-section numbering (second time)

Определение 3.1.

$$f^o r_m u^l a \tag{3.1}$$

$$f^o r_m u^l a \tag{3.2}$$

4. Referencing

Because in Russian the words for «definition», «equation», etc. can have different forms in a sentence, we remove supplement in **all** references, and write «определение» (definition), «уравнение» (equation), «рисунок» (figure), etc. explicitly:

После определения 5 шло определение 2.1, а определению 3.1 мы уделили внимание в последнию очередь. В конце мы написали уравнение (3.2).

Numbering

5. Plain numbering (default)

Definition 1.

Definition 2.

$$f^o r_m u^l a \tag{1}$$

$$f^o r_m u^l a \tag{2}$$

6. Per-section numbering

Definition 6.1.

Definition 6.2.

$$f^o r_m u^l a \tag{6.1}$$

$$f^o r_m u^l a \tag{6.2}$$

7. Per-section numbering (second time)

Definition 7.1.

Definition 7.2.

$$f^o r_m u^l a \tag{7.1}$$

$$f^o r_m u^l a \tag{7.2}$$

8. Referencing

Among others there were Definition 1, Definition 6.1, Definition 7.1. At the end, we wrote Equation (7.2).

Example styles

| Default style | Definition 1. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.

Theorem 1 (Lorem ipsum.). Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.

Proof. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do. ∎ |
|---|---|
| **Bold caption**

```
#show figure-where-kind-in(theofig-kinds): show-figure-caption(strong)
```

or

```
#show figure-where-kind-in(theofig-kinds): it => {
  show figure.caption: strong
  it
}
```
| **Definition 2.** Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.

Theorem 2 (Lorem ipsum.). Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do.

Proof. Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do. ∎ |

Styling

Definition 3. Basic style.

Definition 4. Italic title.

Definition 5: Italic title and semicolon separator.

Definition 6. Bold title.

Definition 7. *Bold title and intalic body.*

> **Definition 8.** Bold title and boxed with border.

> **Definition 9.** Bold title and boxed with fill.

Choosing what to style

Here, we set all environments to have bold title, except examples and remarks, for which we make italic title and semicolon separator. Also, we disable numbering for remarks and examples.

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Theorem 3 (Author). Statement of the theorem.

Proof (by me). Proof of the theorem. ∎

Remark: We notice something.

Example: We discuss an example.