

Tests

Additionally test, that deactivating the package does not result in compile errors during the next run if only basic features are used.

- Having a referenced equation with reference before 1

$$d - d = 0 \quad (1)$$

$$d - d = 0$$

2

$$\begin{matrix} a \\ b \end{matrix} \quad (2)$$

- Having a referenced equation with reference after

$$c^2 = c\mathcal{C} \quad (3)$$

3

- Having an unlabeled equation

$$a^2 + b^2 = c^2$$

- Having a labeled, but unreferenced equation

$$\sqrt{a}$$

- Having a labeled equation with a very strange label 4

$$\sqrt{b} \tag{4}$$

- Check for spurious whitespace around reference (5)

$$b_c \tag{5}$$

- Check if the starred version of ref does also work (6)

$$c_D \tag{6}$$

- Check if the starred version of `cref` does also work (eq. (7))

$$d_E \quad (7)$$

- Placing the number in long equations 8

[illegible]

ref

Figure 1: 8

cref

Figure 2: eq. (8)

- Printing the number without referencing (needs autonum)

$$E = mgh \tag{9}$$

- Using a ref inside a caption
- Using a cref inside a caption
- Using cref with one argument

$$g \tag{10}$$

eq. (10)

- Using cref with two arguments

$$cr = ef \tag{11}$$

eqs. (10) and (11)

- Using otherwise unused cref with two arguments (needs autonum)

$$cr = ef \tag{12}$$

$$cr = ef \tag{13}$$

eqs. (12) and (13)

- Using align 14, 15

$$a \tag{14}$$

$$b$$

$$c \tag{15}$$

- Using gather 16, 17

$$a \tag{16}$$

$$b$$

$$c \tag{17}$$

- Using multiline without referencing

$$a$$

$$c$$

- Using multiline with referencing 18

$$a \qquad \qquad \qquad c \quad (18)$$

- Using flalign with referencing 19

$$\begin{array}{c} a \\ c \end{array} \quad (19)$$

- Using alignat with referencing 20

$$\begin{array}{l} x = yy \implies y = x \\ y = z \implies z = y \end{array} \quad (20)$$

- short one-line shortcut

$$n$$

- align, numbering always

$$a = l \quad (21)$$

(needs autonum)

- gather, numbering always

$$g = a \quad (22)$$

(needs autonum)

- multiline, numbering always (and avoiding overfull hbox warning)

$$m = u \rule{10cm}{0.4pt} = v \quad (23)$$

(needs autonum)

- equation, numbering always

$$e = q \quad (24)$$

(needs autonum)

- shortcut and split 25

$$\begin{array}{c} s \\ p \end{array} \quad (25)$$

(needs autonum)

- equation and split 26

$$\begin{array}{c} s \\ p \end{array} \quad (26)$$

Figure 3: Ref 2: section 2 and 2

1 Using ref in section 1

text

2 Using cref in section 2

text

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