The Subnumberedcases Package

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Abstract

This not a real docu, it only demonstrates the possibilities of the subnumberedcases package.

Contents

1 Test Subequations*

1.1 Subequations

Normal `subequations` environment:

$$ASD \tag{1.1}$$

$$ASD \tag{1.2a}$$
$$ASD \tag{1.2b}$$
$$ASD \tag{1.2c}$$

1.2 Subequations*

The `subequations*` environment:

$$ASD \tag{1.3}$$

$$ASD \tag{1.3a}$$
$$ASD \tag{1.3b}$$
$$ASD \tag{1.3c}$$

Note that there are the equations (1.3) and (1.3a) but no (1.1a).

1.3 References

Label	Reference
SE1	(1.1)
SE2a	(1.2a)
SE2b	(1.2b)
SE2c	(1.2c)
SE3	(1.3)
SE3a	(1.3a)
SE3b	(1.3b)
SE3c	(1.3c)

2 Test Subnumberedcases

2.1 Subnumberedcases

The `subnumberedcases` environment:

$$ASD \tag{2.1}$$

$$ASDASDASDASD \tag{2.2}$$

$$\begin{cases} ASD & (2.2a) \\ 1+1-1+1-1+1-1+1-1+1-1+1-1+1-1+1-1+1-1+1-1+1-1 & (2.2b) \\ ASD & (2.2c) \end{cases}$$

$$ASD \tag{2.3}$$

2.2 Indent of Subnumberedcases

The `subnumberedcases[maxindent]` environment[1]:

$$\text{Blablabbla } \frac{\frac{1}{2}}{\frac{1}{2}} = \tag{2.4}$$

$$\begin{cases} 1 & (2.4a) \\ \frac{1}{2} & (2.4b) \end{cases}$$

2.3 References

Label	Reference
E1	(2.1)
E2	(2.2)
E2a	(2.2a)
E2b	(2.2b)
E2c	(2.2c)
E3	(2.3)
E4a	(2.4a)
E4b	(2.4b)

[1]The default `maxindent` is 1cm. It can be changed by `\\setlength{\\SNCmaxindent}{1cm}`.

3 Problems, Warnings and Errors

The subnumberedcases package requires that align environment flushes equations left. To achieve this select the option `fleqn` of the used document class or of amsmath.