This is a template for LaTeX

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Abstract

Abstract goes here.

1 This is a section

Example of an equation is shown in eq. (1.1).

$$\int x\,dx = \frac{x^2}{2}\,. \tag{1.1}$$

This is an example of a "generic" citation [1]. This is a citation of an article [2].

1.1 Figures

In Fig. (1) you see a figure!

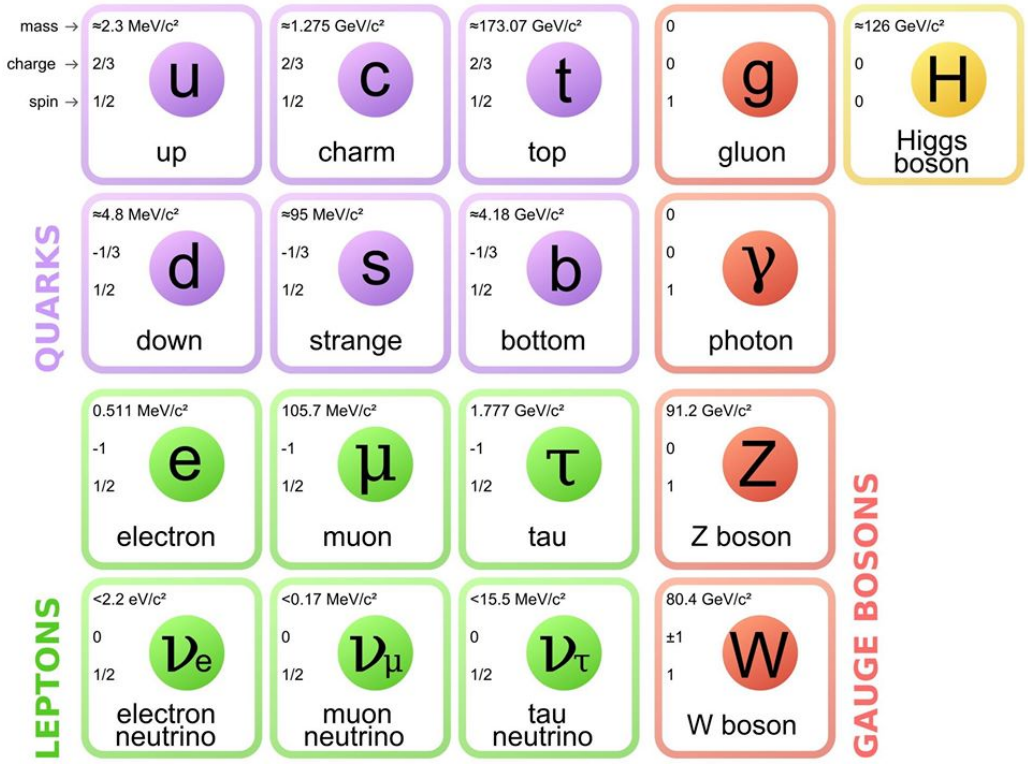
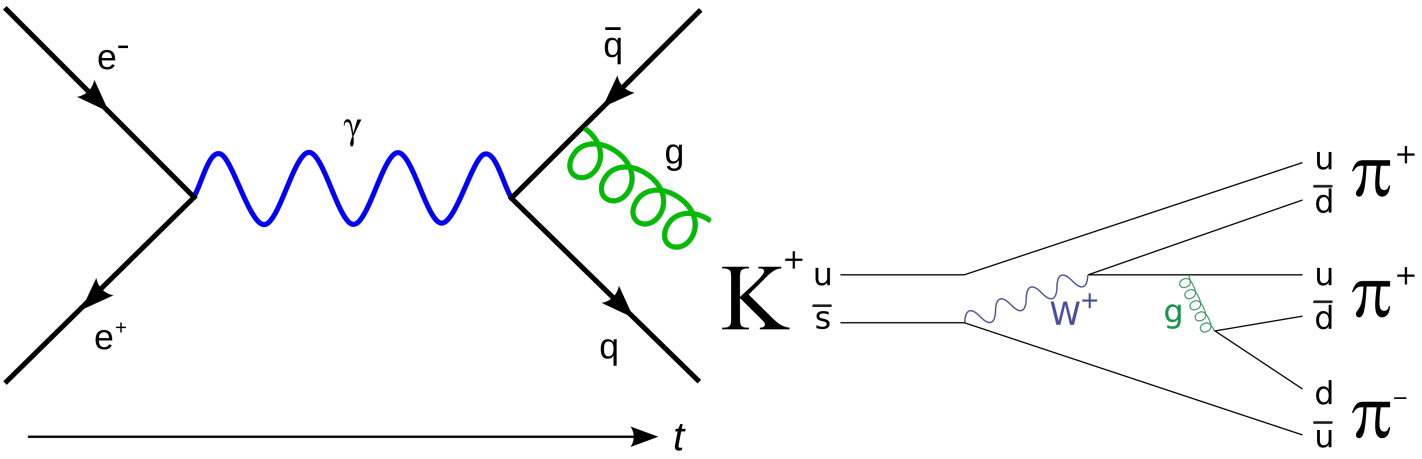


Figure 1: This is an example of a figure

In Fig. (2) you see subfigures!



(a) (b)

Figure 2: Example of subfigures.

2 This is a section

The are a few macros. See the source to understand how to reference multiple equation easily as eqs. (1.1) and (A.1), as well as Figures as Figs. (1) and (2).

Appendix

A This is an appendix

This is an appendix. Equations have different enumeration as you see in eq. (A.1).

$$\int x^2\,dx = \frac{x^3}{3}\,. \tag{A.1}$$

References you can use

\eqs and \Eqs

References to equations:
eq. (A.1)
eqs. (A.1) and (1.1)
eqs. (A.1), (1.1), and (1.1)
Eq. (A.1)
Eqs. (A.1) and (1.1)
Eqs. (A.1), (1.1), and (1.1)

\refs

References without "head":
(1)
(1) and (1)
(1), (1), and (A)

\Figs

References to figures:
Fig. (2)
Figs. (2) and (2)
Figs. (2), (2), and (1)

\Gen

References to with custom message (I know \refs can do the same thing):
Figures. (2), (2), and (1)
EquATiOnS. (A.1), (1.1), and (1.1)

References

[1] D. Karamitros, *NaBBODES: Not a black box ordinary differential equation solver in C++*, 2019–.

[2] L. Darmé, A. Hryczuk, D. Karamitros, and L. Roszkowski, *Forbidden frozen-in dark matter*, *JHEP* **11** (2019) 159, [arXiv:1908.05685].