

Template, テンプレ

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1. section

1.1. Basics

Definition 1.1.1.: Write a definition. 定義(definition)を書いてください。

Definition 1.1.1. can be referred by using `@def`.¹

Example 1.1.1. (Example name): Write an example

Definition 1.1.2.: 2nd definition

Theorem 1.1.1 (Euclid): There are infinitely many primes.

Proof: Write a proof.

$$y = ax \tag{1}$$

You can refer to an equation using `@name` like Eq 1. □

Lemma 1.1.1 (Ito lemma):

Corollary 1.1.1: Put a corollary.

Requirement 1.1.1: For every object, its motion keeps linear uniform motion.

Result 1.1.1: $ma = F$

¹This is a footnote.

Theorem 1.1.2: There are arbitrarily long stretches of composite numbers.

Proof: For any $n > 2$, consider

$$n! + 2, \quad n! + 3, \quad \dots, \quad n! + n \tag{2}$$

□

Theorem 1.1.3: Unicode can be used, e.g., $\mu = \mu$.

For more details for math symbols, see [HERE](#)

Claim: We can cite like: [1]–[3]

Remark: I remark here.

1.2. How to insert a figure

Figure 1 shows a pigeon flying in the sky.

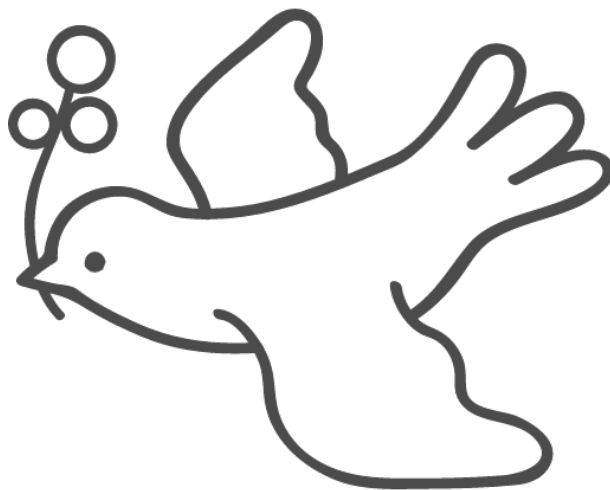


Figure 1: A pigeon flying

Table 1: Timing results

t	1	2	3
y	0.3s	0.4s	0.8s

References

- [1] ポアンカレ, 科学と仮説. 岩波書店, 2021.
- [2] H. Poincaré, *La science et l'hypothèse*. Flammarion, 1908.
- [3] P. Atkins and J. de Paula, *Physical Chemistry for the Life Sciences*. OUP Oxford, 2011.