

# An Example Test Document

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# Chapter 1

## Introduction

This document is a test example designed to help check various LaTeX formatting techniques, including tables, figures, and formulas. In the following sections, we will demonstrate these features.



# Chapter 2

## TFF

This is a chapter with some text. You can check the references number here, like Fig. 1.1 or Fig. 1.

### 2.1 Tables

There is a simple table in this section (Tab. 2.1).

Table 2.1: An example table with parameters.

Parameter	Symbol	Value
Example Parameter 1	$P_1$	100 W
Example Parameter 2	$P_2$	50 m
Example Parameter 3	$P_3$	0.1 s

Tab. 2.2 shows a more complex table.

### 2.2 Figures and their References

#### 2.2.1 Example Figure

Below is an example figure (Fig. 2.1) showing a diagram that might represent a process or a conceptual flow.

Table 2.2: Example Global Economic Indicators

Region	Indicator	Value
Region A	Economic Growth	3.5%
		1.5 trillion
		4.8% Inflation
	Unemployment Rate	5.1%
		2.4% (Youth)
		4.7% (Women)
		3.2% (Men)
Region B	Economic Growth	2.1%
		0.9 trillion
		2.3% Inflation
	Unemployment Rate	6.7%
		3.8% (Youth)
		4.5% (Total)

### 2.2.2 Subfigures

Below is an example of subfigures (Fig. 2.2), which contains 4 subfigures (Fig. 2.2a, Fig. 2.2b, Fig. 2.2c, and Fig. 2.2d).

## 2.3 Formulas and Equations

This section includes an example of how to format equations. The incidence matrix is given by Eq. 2.1:

$$a_{kl} = \begin{cases} 1, & \text{edge } l \text{ leaves node } k, \\ -1, & \text{edge } l \text{ enters node } k, \\ 0, & \text{otherwise,} \end{cases} \quad (2.1)$$

where  $a_{kl}$  is the element of the incidence matrix,  $k$  is the node index, and  $l$  is the edge index.

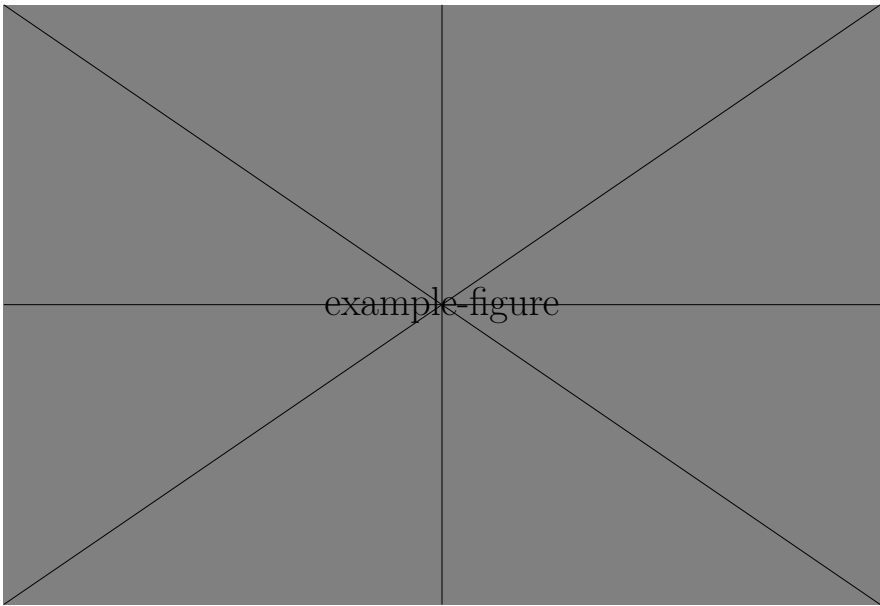


Figure 2.1: An example figure showing a conceptual diagram.

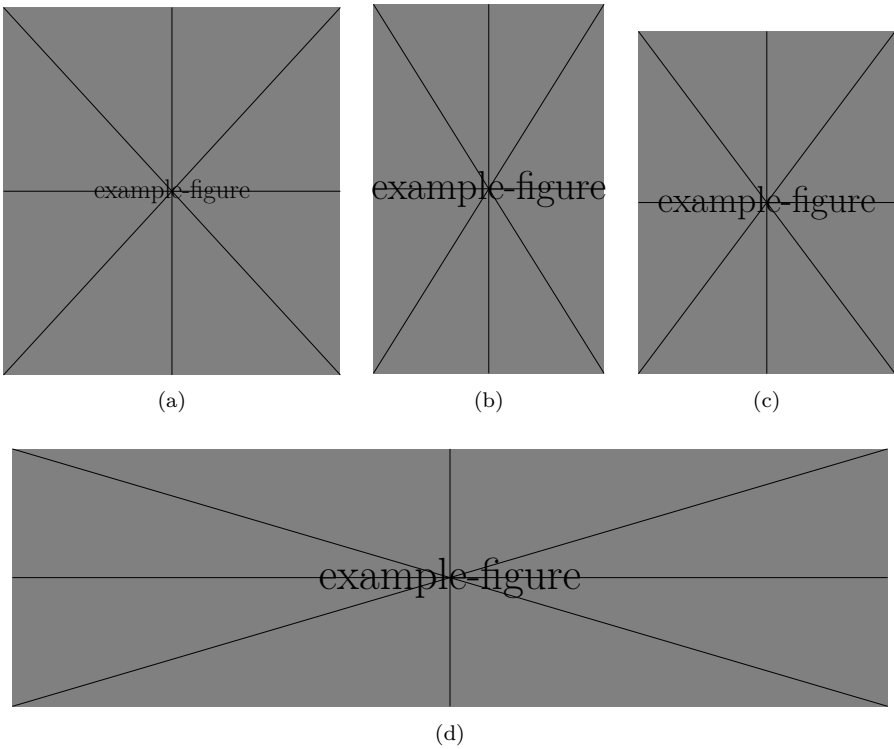


Figure 2.2: Example subfigures (a) Subfigure 1, (b) Subfigure 2, (c) Subfigure 3, and (d) Subfigure 4.

## 2.4 References

This section includes an example of how to cite references[1].



# Bibliography

- [1] p. personA, “Title of the article,” *Journal of Journal*, vol. 91, pp. 109–125, Aug. 2018. 2.4