An Example Test Document

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Abstract

This document provides a basic structure for an academic paper with test examples for tables, figures, formulas, and references. It includes examples of common LaTeX commands and document features.

# 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.

# 2 Chapter1

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](#tab:exampletable)).

Table : An example table with parameters.

|  |
| --- |
| image |

Tab. [2.2](#table3) shows a more complex table.

Table : Example Global Economic Indicators

|  |
| --- |
| image |

## 2.2 Figures and their References

### 2.2.1 Example Figure

Below is an example figure (Fig. [2.1](#multifig:multifig_examplefig)) showing a diagram that might represent a process or a conceptual flow.



Figure : An example figure showing a conceptual diagram.

### 2.2.2 Subfigures

Below is an example of subfigures (Fig. [2.2](#multifig:multifig_examplesubfigures)), which contains 4 subfigures (Fig. [2.2](#multifig:multifig_examplesubfigures)(a), Fig. [2.2](#multifig:multifig_examplesubfigures)(b), Fig. [2.2](#multifig:multifig_examplesubfigures)(c), and Fig. [2.2](#multifig:multifig_examplesubfigures)(d)).



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

## 2.3 Formulas and Equations

This section includes an example of how to format equations. The incidence matrix is given by Eq. [[eq:incidence]](#eq:incidence):

|  |  |
| --- | --- |
|  |  |

where is the element of the incidence matrix, is the node index, and is the edge index.

## 2.4 References

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

# Reference

[1] personB. personA, “Title of the article,” *Journal of Journal*, vol. 91, pp. 109–125, Aug. 2018, doi: [doi](https://doi.org/doi).