

KleisDoc Demo

Kleis Project

Abstract

This document was generated programmatically using the new KleisDoc Python API, demonstrating the integration between Jupyter notebooks and the Kleis document system.

Introduction

KleisDoc is a format-agnostic document management system that bridges Jupyter notebook workflows with publishable documents. It supports:

- Flexible metadata management
- Hierarchical section organization
- Equation storage with re-editable ASTs
- Figure management with regenerable Kleis plots

Key Features

Equations can be stored with their EditorNode AST, allowing them to be re-opened in the Equation Editor for modification across sessions.

Figures can include Kleis plotting code, enabling regeneration when data changes.

Templates are loaded from external .kleis files, making the system extensible.

Conclusion

This demonstrates the KleisDoc API generating real Typst output.