

# AutoTeX Research Paper

Alice Zhang, Bob Li, and Carol Chen

**Abstract**—This document demonstrates the AutoTeX parsing flow.

**Index Terms**—AutoTeX, Parsing, Schema, Word, Pipeline

## I. INTRODUCTION

This paper introduces the AutoTeX pipeline that converts complex documents into structured JSON outputs for downstream agents. The system leverages AI techniques and strict schema validation [?].

### A. Background

Traditional document digitization workflows rely on manual formatting. AutoTeX automates this process by combining deterministic parsing with LLM-based inference.

$$E = mc^2 \quad (1)$$

```
for i in range(3):
    print('AutoTeX■rocks!')
```

TABLE I  
TABLE 1: SYSTEM METRICS

Module	Latency (ms)	Accuracy
Parser	32	0.91
OCR	58	0.87
Renderer	20	0.95

Figure 1: AutoTeX Architecture

Further explanation with another paragraph referencing [?].

## REFERENCES

- [1] Alice Zhang, Bob Li. AutoTeX System Overview. Journal of Automation, 2024.
- [2] Carol Chen. Structured Document Understanding. Conference on AI Systems, 2025.