

AutoTeX Research Paper

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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.