AutoTeX Research Paper

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

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.

$$E = mc^2 \tag{1}$$

```
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.

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