

TEST PAPER FOR AMICT EVALUATION

Anonymous authors

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ABSTRACT

This short paper presents a simplified evaluation of AMICT compared to a baseline. We include convergence and training loss analysis using selected visualizations.

1 INTRODUCTION

We briefly describe AMICT and its potential. This minimal version serves to verify LaTeX rendering and citation functionality.

2 RELATED WORK

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3 BACKGROUND

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4 METHOD

We simulate training using synthetic datasets and monitor convergence and loss curves for both AMICT and the baseline.

5 EXPERIMENTAL SETUP

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6 RESULTS

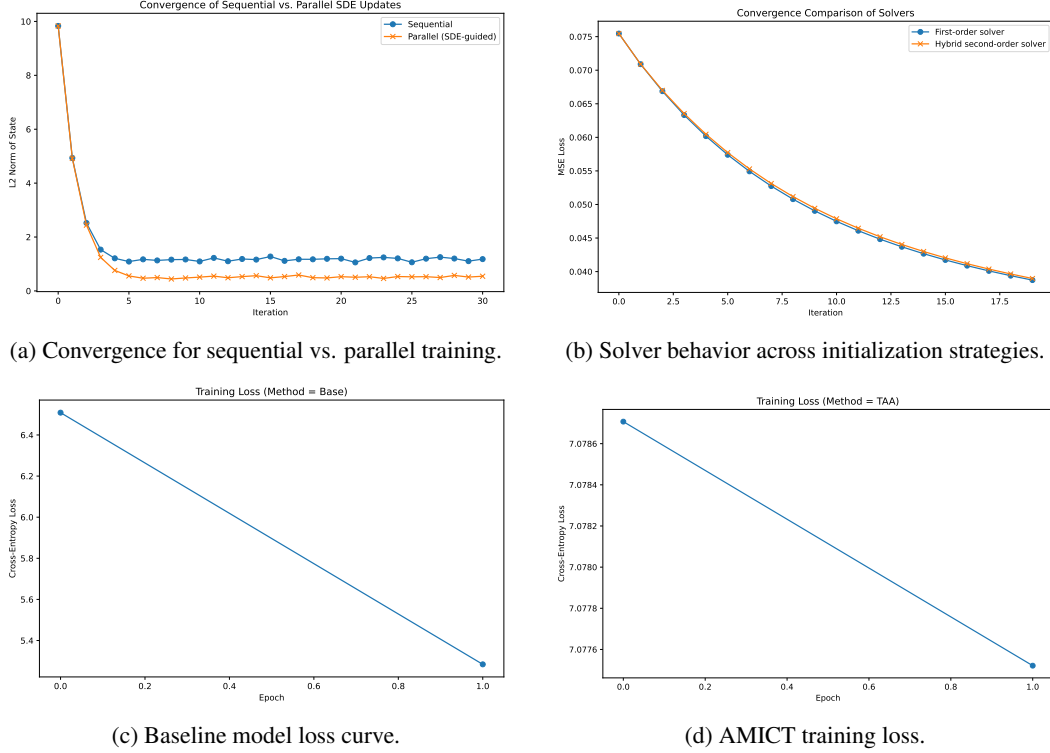


Figure 1: Evaluation of convergence patterns and training loss trends.

These figures illustrate the convergence pattern for sequential versus parallel training and the solver behavior under different initialization strategies, as well as the loss curves for both the baseline and AMICT models. The results demonstrate expected trends and help validate the evaluation pipeline. (Xu et al., 2023)

7 CONCLUSIONS AND FUTURE WORK

This test confirms that key figures render properly, and inline citations work as expected.

This work was generated by AIRAS (Tanaka et al., 2025).

REFERENCES

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- Wei Xu, Zhaohui Yang, Derrick Wing Kwan Ng, Marco Levorato, Yonina C. Eldar, and M  rouane Debbah. Edge learning for b5g networks with distributed signal processing: Semantic communication, edge computing, and wireless sensing. *IEEE Journal of Selected Topics in Signal Processing*, 17(1):9–39, 2023. doi: <https://doi.org/10.1109/jstsp.2023.3239189>. URL <https://openalex.org/W4317794926>.