

New Deep Learning Techniques for Efficient Training

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Abstract—Pending abstract

Index Terms—CNN; Deep Learning; Image Classification

1 Introduction

First word [1]

2 Background / Literature Review

3 Methods

4 Results

5 Conclusion

References

- [1] Y. Malhi, L. E. Aragão, D. Galbraith, C. Huntingford, R. Fisher, P. Zelazowski, S. Sitch, C. McSweeney, and P. Meir, “Exploring the likelihood and mechanism of a climate-change-induced dieback of the amazon rainforest,” *Proceedings of the National Academy of Sciences*, vol. 106, no. 49, pp. 20 610–20 615, 2009.

6 Plan

- Week 7 (March 1st-7th). Implement fine-tuning of both models to attempt to improve the accuracy
- Week 8 (8th-14th). Implement initially implementation of RepVGG
- Week 9 (15th-21st). Fine-tune RepVGG
- Week 10 (22nd-28th). Investigate new ways to improve the score (probably using new datasets)
- Week 11 and 12 (March 29th - April 12th). Implement techniques researched prior week
- Week 13 (13th - 25th). Write research paper