

CycleMLP

A MLP-like Architecture for Dense Prediction

Marco Benelli

University of Florence

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Outline

- 1 Introduction
- 2 Method
 - Cycle Fully-Connected Layer
 - Overall Architecture
- 3 Experiments
 - STL10 Classification
- 4 Conclusion

Paradigm shifts

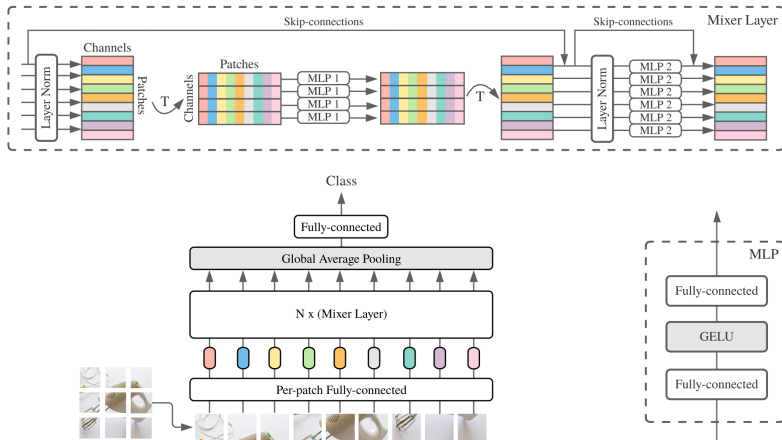
Recent paradigm shifts:

2012 AlexNet

2020 ViT

2021 MLP-Mixer

MLP-Mixer

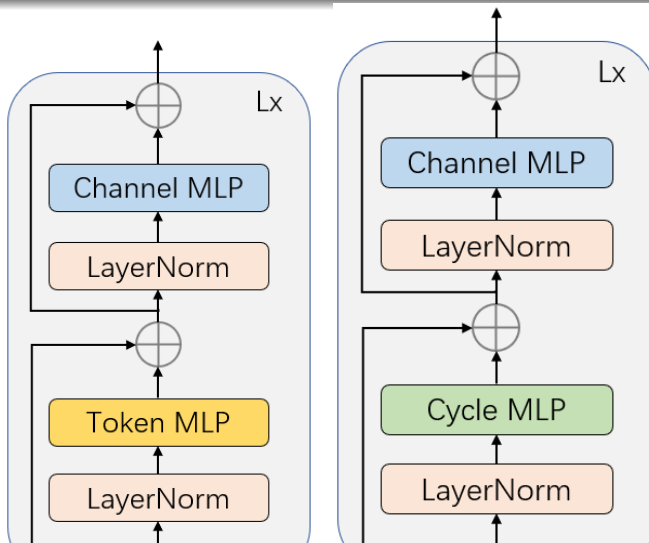


Challenges

MLP-like models are facing these challenges:

- non-hierarchical architectures
- flexible input scales
- quadratic costs

MLP-Mixer v. CycleMLP



Summary

- The **first main message** of your talk in one or two lines.
- The **second main message** of your talk in one or two lines.
- Perhaps a **third message**, but not more than that.