

# Deep Learning and Temporal Data Processing

## 3 - Recurrent Neural Networks

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## Introduction

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[1]

No matter how's the network topology, during backpropagation the network is unfolded in a DAG, so there are no loops.

[1] F. Yu and V. Koltun.

**Multi-scale context aggregation by dilated convolutions.**

*arXiv preprint arXiv:1511.07122*, 2015.