Notes on Neural Machine Translation

compiled by D.Gueorguiev 7/19/2025

# Introduction

## Recurrent Continuous Translation Models

# References

[1] [Recurrent Continuous Translation Models, Nal Kalchbrenner, Phil Blunsom, Oxford U., 2013](https://github.com/dimitarpg13/transformers_intro/blob/main/articles_and_books/Recurrent_continuous_translation_models_Kalchbrenner_Blunsson_OxfordU_2013.pdf)

[2] [Neural Machine Translation by Jointly Learning To Align and Translate, Dzmitry Bahdanau, K. Cho, Yoshua Bengio, 2016](https://github.com/dimitarpg13/transformers_intro/blob/main/articles_and_books/NeuralMachineTranslationByJointlyLearningToAlignAndTranslateBahdanau2015.pdf)

[3] [On The Properties of Neural Machine Translation: Encoder-Decoder Approaches, K. Cho, B. van Merrienboer, Dzmitry Bahdanau, 2014](https://github.com/dimitarpg13/transformers_intro/blob/main/articles_and_books/OnthePropertiesOfNeuralMachineTranslationEncoderDecoderApproaches.pdf)

[4] [Learning Phrase Representations using RNN Encoder-Decoder for Statistical Machine Translation, K. Cho, B. van Merrienboer, C. Gulcehre, Dzmitry Bahdanau, Fethi Bougares, Holger Schwenk, Yoshua Bengio, 2014](https://github.com/dimitarpg13/transformers_intro/blob/main/articles_and_books/LearningPhraseRepresentationsUsingRNNEncoderDecoderForStatisticalMachineTranslation.pdf)

[5] [Generating Sequences With Recurrent Neural Networks, Alex Graves, U of Toronto, 2014](https://github.com/dimitarpg13/deep_learning_and_neural_networks/blob/main/literature/articles/Generating_Sequences_With_Recurrent_Neural_Networks_Graves_2014.pdf)

[6] [Bidirectional Recurrent Neural Networks, Mike Schuster, Kuldip Paliwal, IEEE Transactions on Signal Processing, 1997](https://github.com/dimitarpg13/transformers_intro/blob/main/articles_and_books/Bidirectional_Recurrent_Neural_Networks_Schuster_Paliwal_1997.pdf)

[7] [Neural Networks for Pattern Recognition, Christopher M. Bishop, 1995](https://github.com/dimitarpg13/transformers_intro/blob/main/articles_and_books/Neural_Networks_for_Pattern_Recognition-Bishop_1995.pdf)