Notes on Neural Machine Translation

compiled by D.Gueorguiev 7/19/2025

# Introduction

# Sequence Transduction (ST)

//TODO: Finish this section (mainly [1])

## Continuous Translation Models (CTM)

//TODO: Finish this section (mainly using [2], [3], [4])

## Recurrent Continuous Translation Models (RCTM)

RCTM are a class of probabilistic

//TODO: Finish this section (mainly using [5])

# References

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[11] [Fast and Robust Neural Network Joint Models for Statistical Machine Translation, J. Devlin et al, Raytheon, 2014](https://github.com/dimitarpg13/nlp_concepts/blob/main/literature/articles/neural_machine_translation/Fast_and_Robust_Neural_Network_Joint_Models_for_Statistical_Machine_Translation_Devlin_2014.pdf)

[12] [Neural Machine Translation of Rare Words with Subword Units, Rico Sennrich, Barry Haddow, Alexandra Birch, 2015](https://github.com/dimitarpg13/nlp_concepts/blob/main/literature/articles/neural_machine_translation/Neural_machine_translation_of_rare_words_with_subword_units_UEdinsburgh_2016.pdf)

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