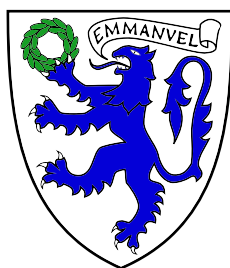


Unifying Transformers and Convolutional Neural Processes

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June 14, 2023

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1 Transformers

1.1 Introduction

This is an introduction. We will use the notation from [Vaswani et al., 2017]. As a reminder, we have the following notation:

1.2 Notation

2 Neural Processes

This is an introduction. We will use the notation from [Garnelo et al., 2018]. As a reminder, we have the following notation:

2.1 Notation

References

[Garnelo et al., 2018] Garnelo, M., Schwarz, J., Rosenbaum, D., Viola, F., Rezende, D. J., Eslami, S. M. A., and Teh, Y. W. (2018). Neural processes.

[Vaswani et al., 2017] Vaswani, A., Shazeer, N., Parmar, N., Uszkoreit, J., Jones, L., Gomez, A. N., Kaiser, L., and Polosukhin, I. (2017). Attention is all you need.