

**Date:** Thursday July 04, 2024

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## Matching ensembles of measures with Transformers

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Transformers have been one of the keys for the success of large language models such as ChatGPT (among others). In this talk, we will first introduce Transformers together with the attention mechanism. Later, we will consider the problem of matching an ensemble of  $N$  input probability measures with  $N$  output probability measures via a (non-local) continuity equation directly derived from Transformers.