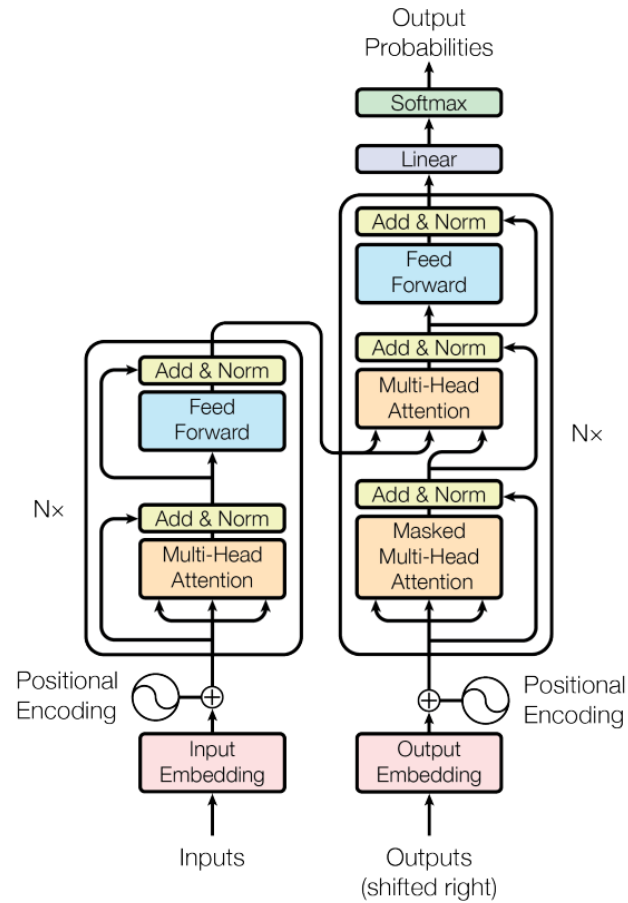


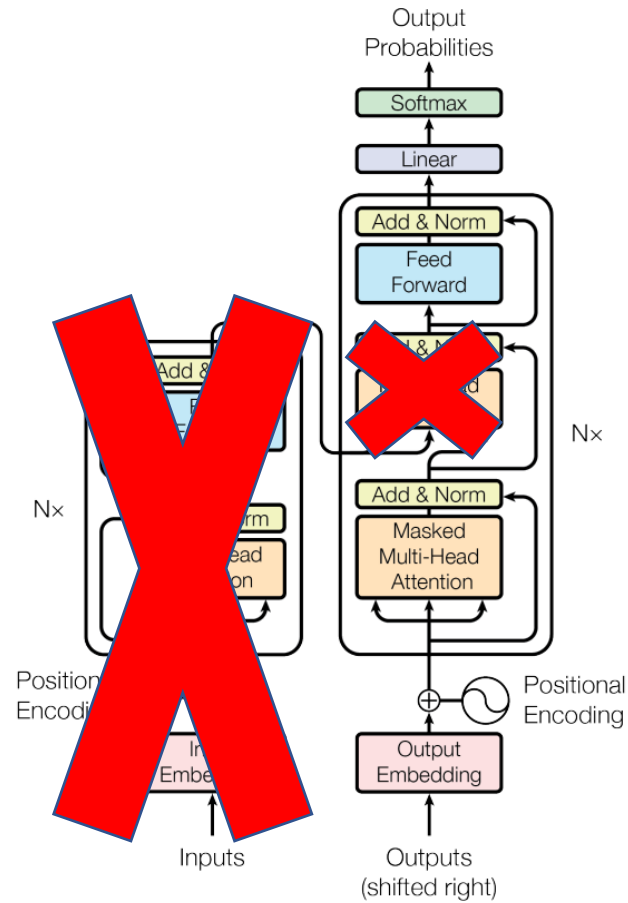
Converting the Original
Transformer Diagram to a
Modern Decoder as Shown
in the ROME Paper

Original Transformer

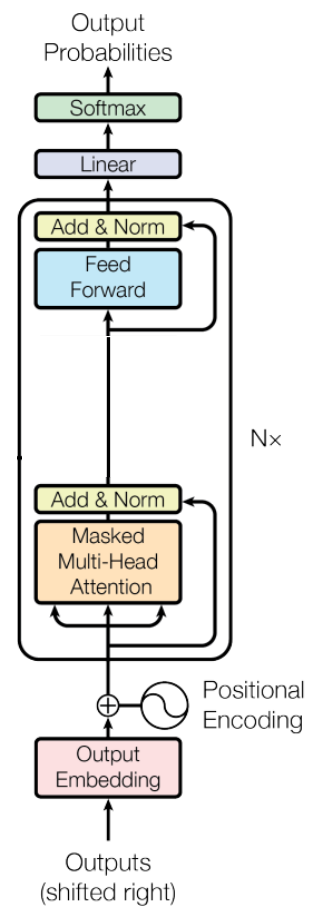


“Attention Is All You Need,” Vaswani et al., <https://arxiv.org/abs/1706.03762>

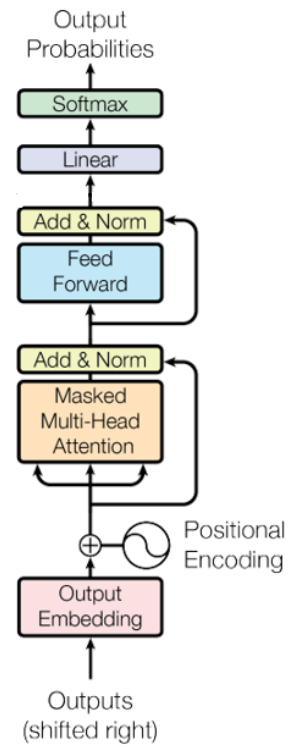
Decoder-only Transformer – 1



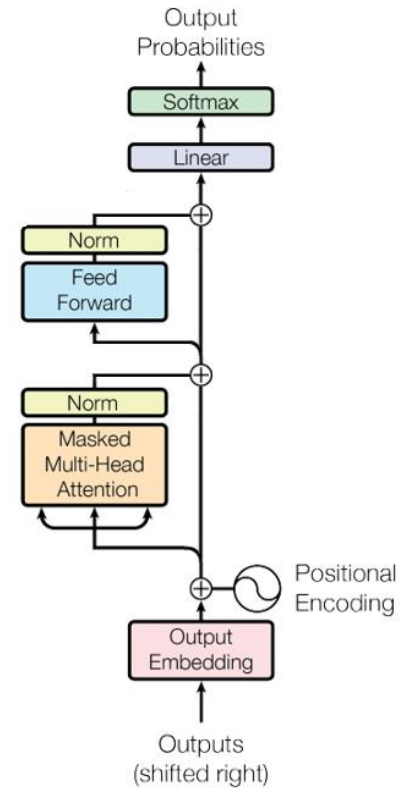
Decoder-only Transformer – 2



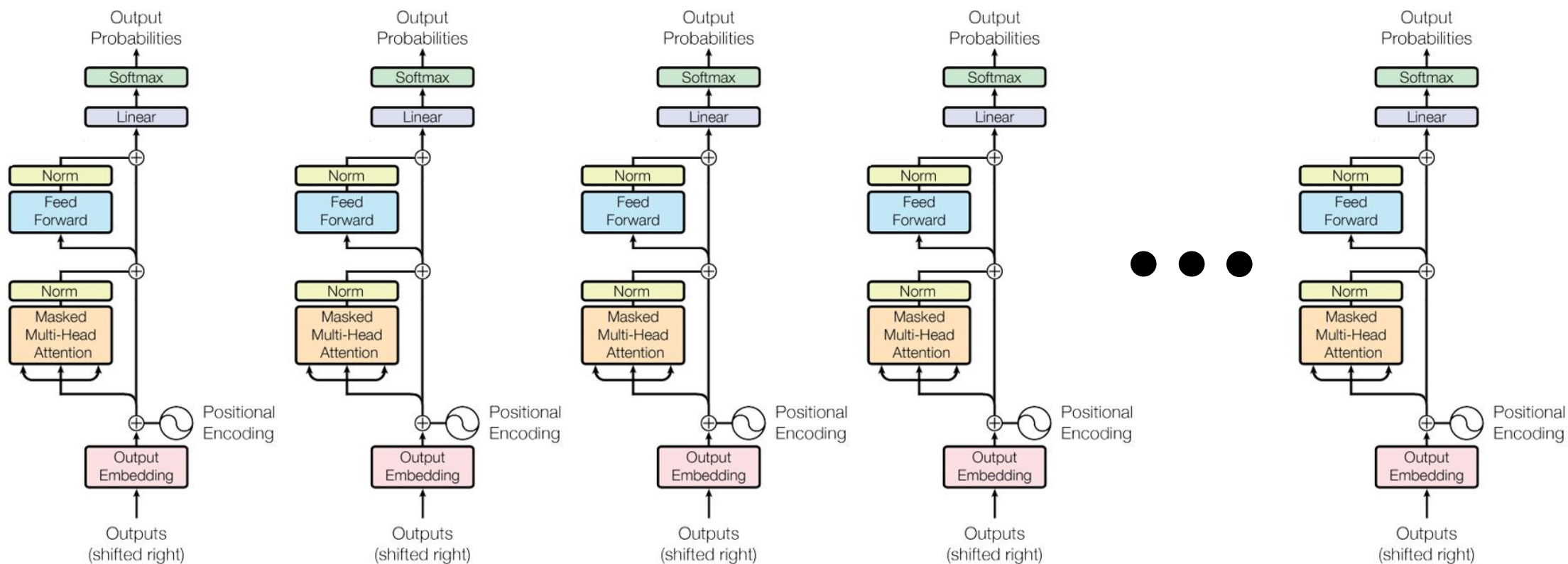
Decoder-only Transformer, Compact



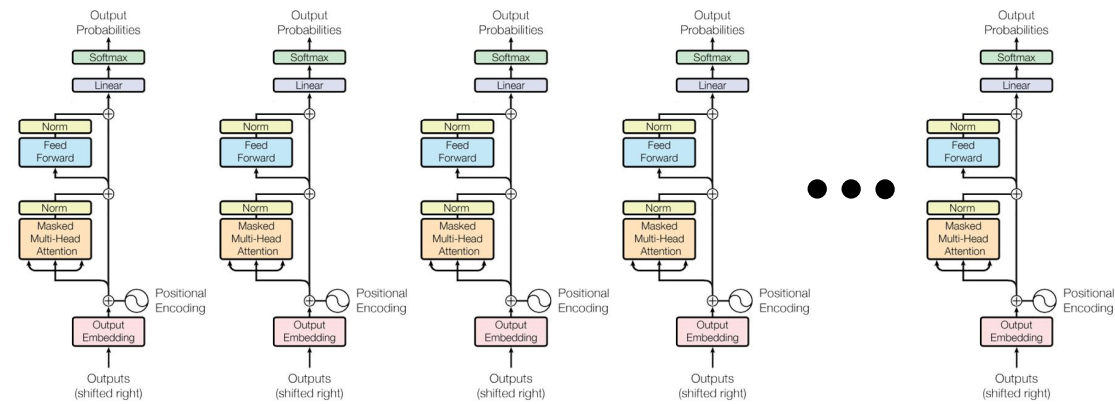
Decoder-only Transformer, Straight Through



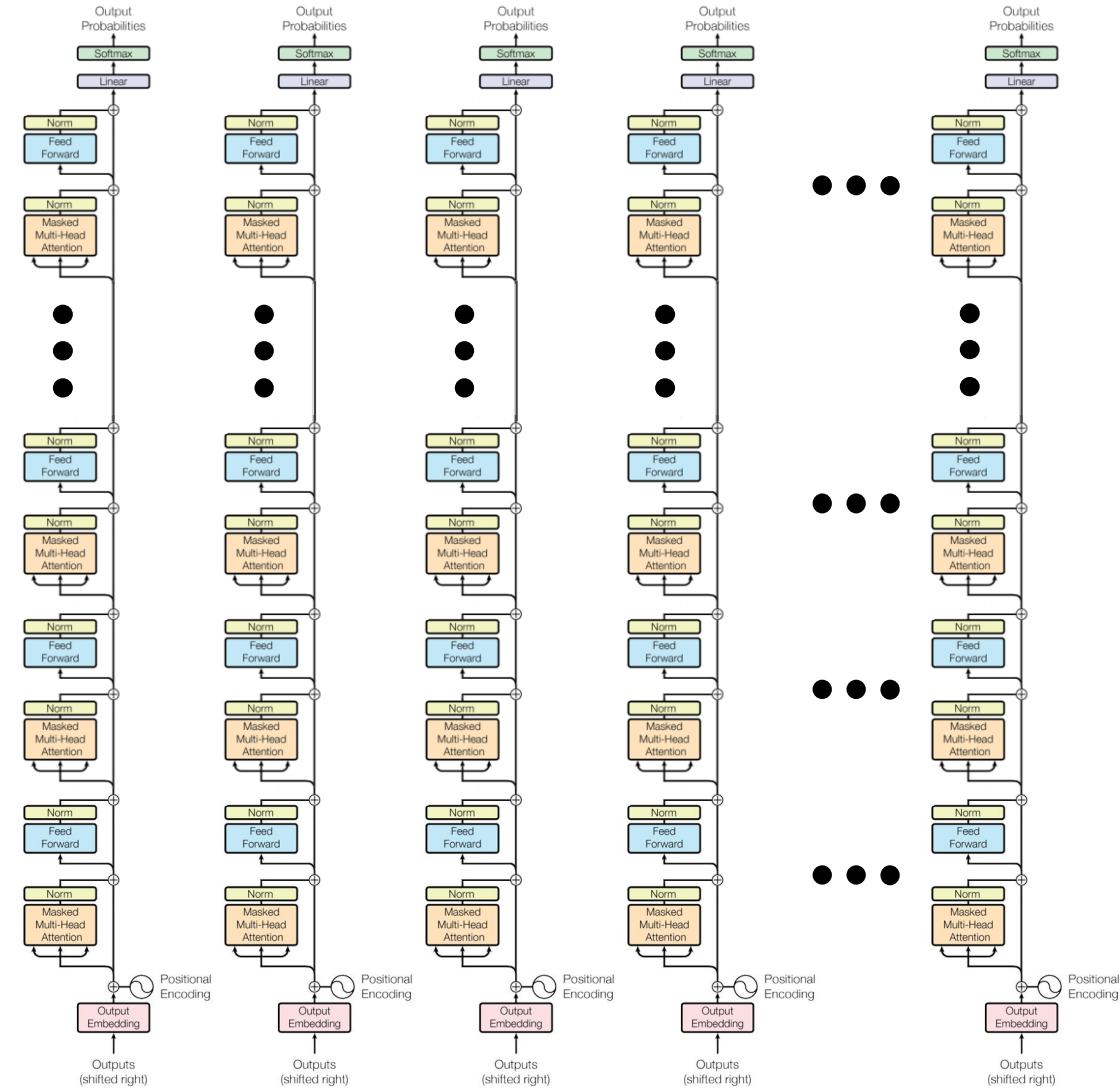
Decoder, Multiple Tokens



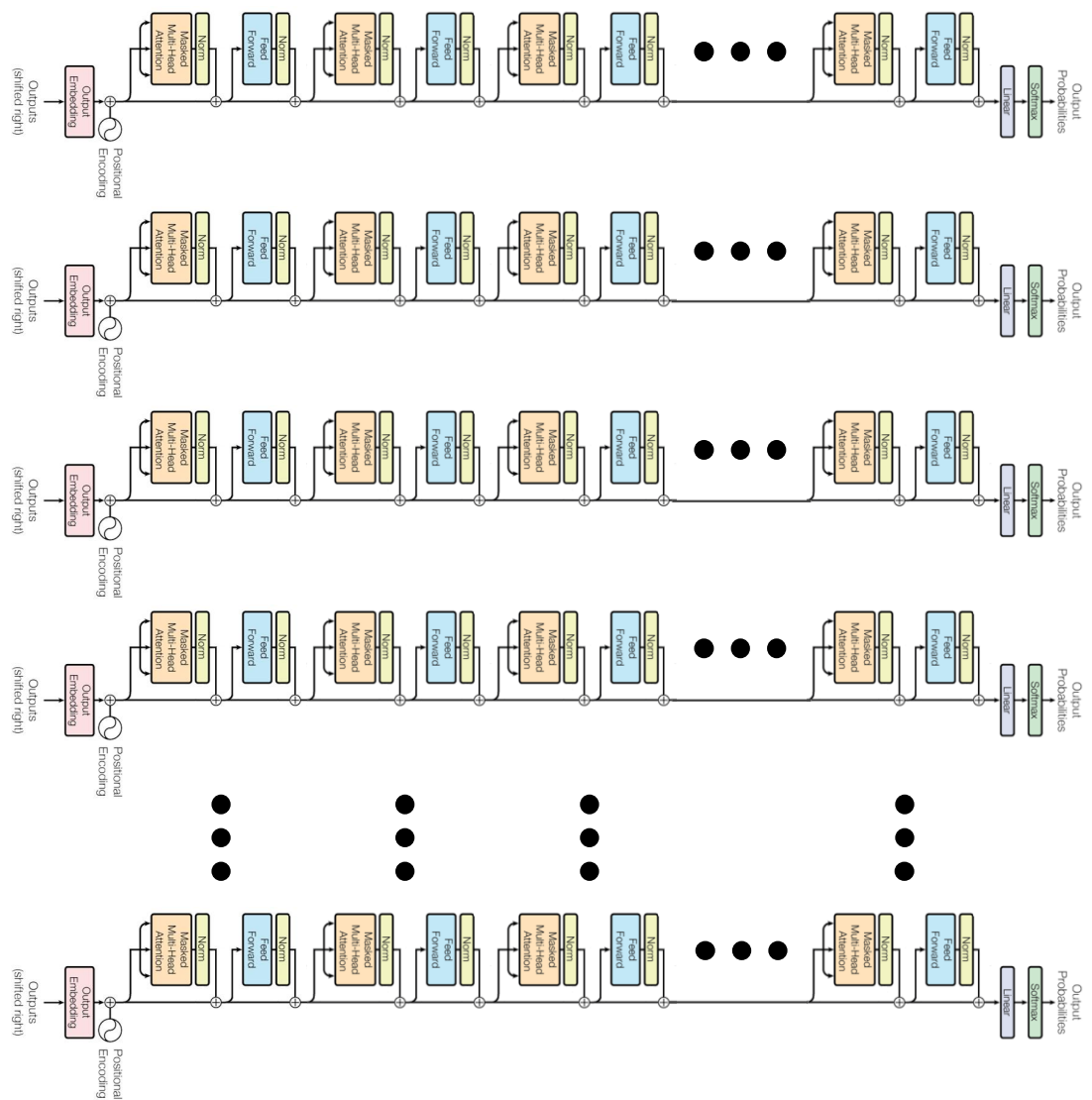
Decoder, Multiple Tokens, Small



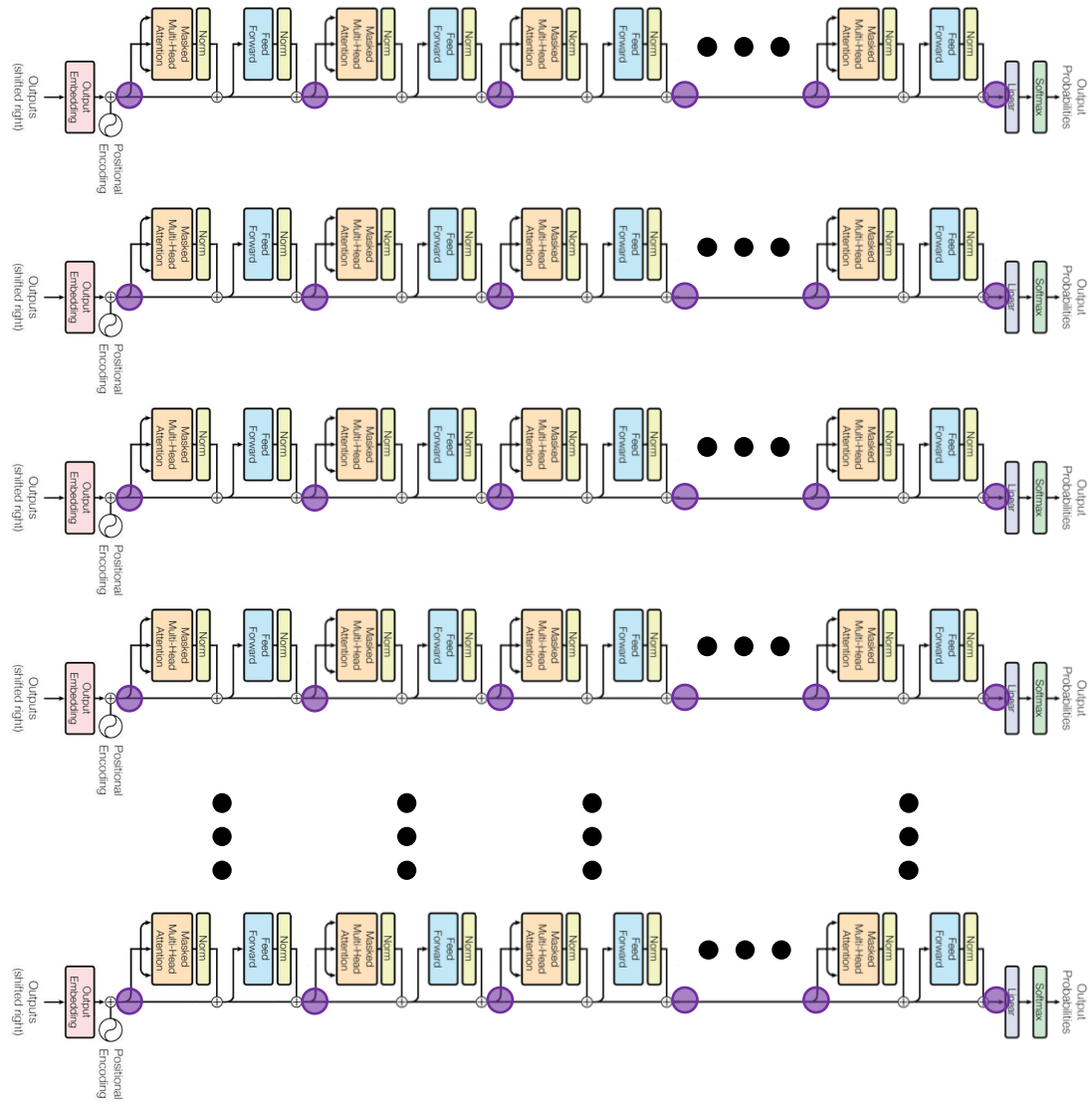
Decoder, Adding Multiple Layers



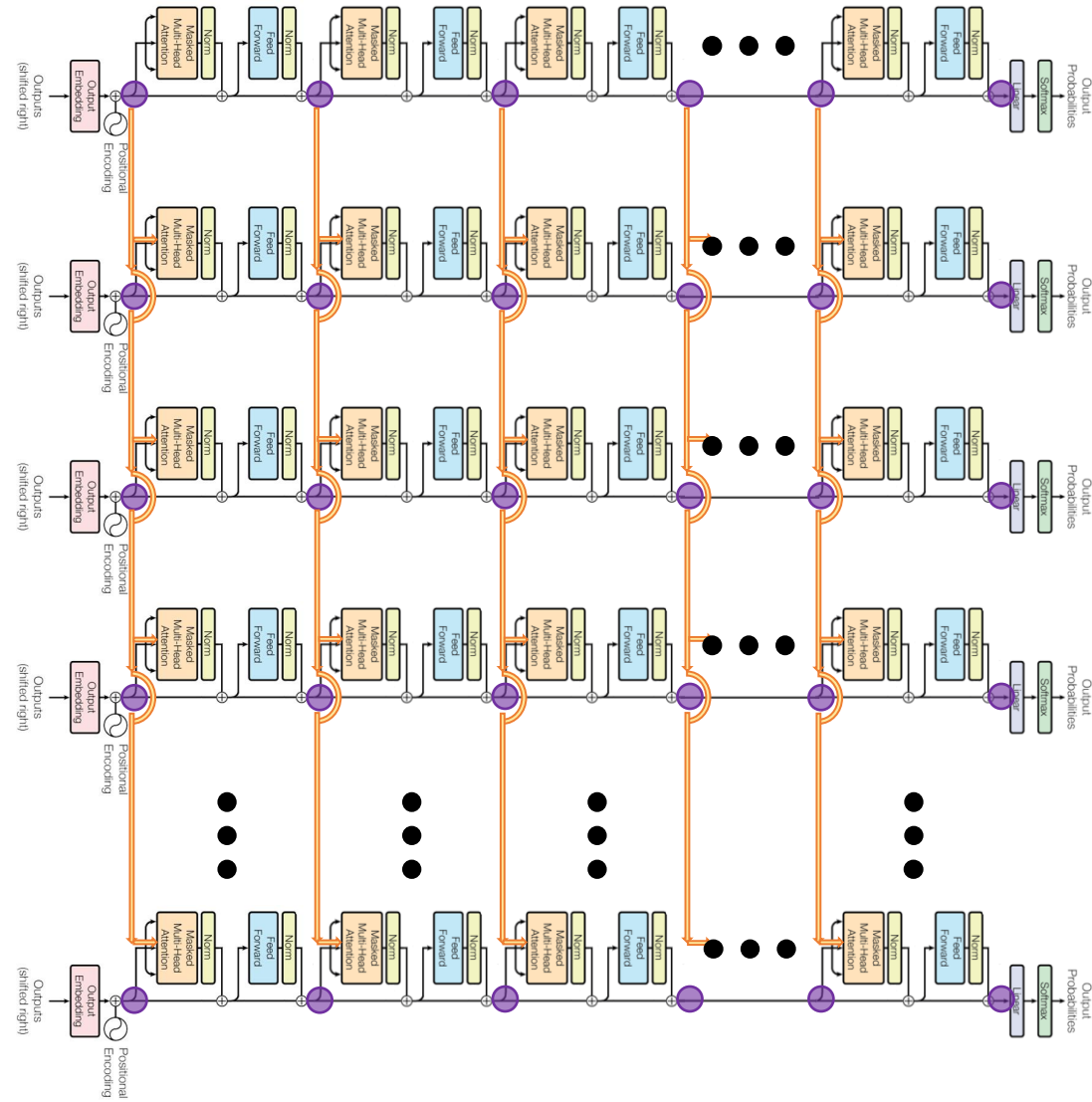
Decoder, Rotated



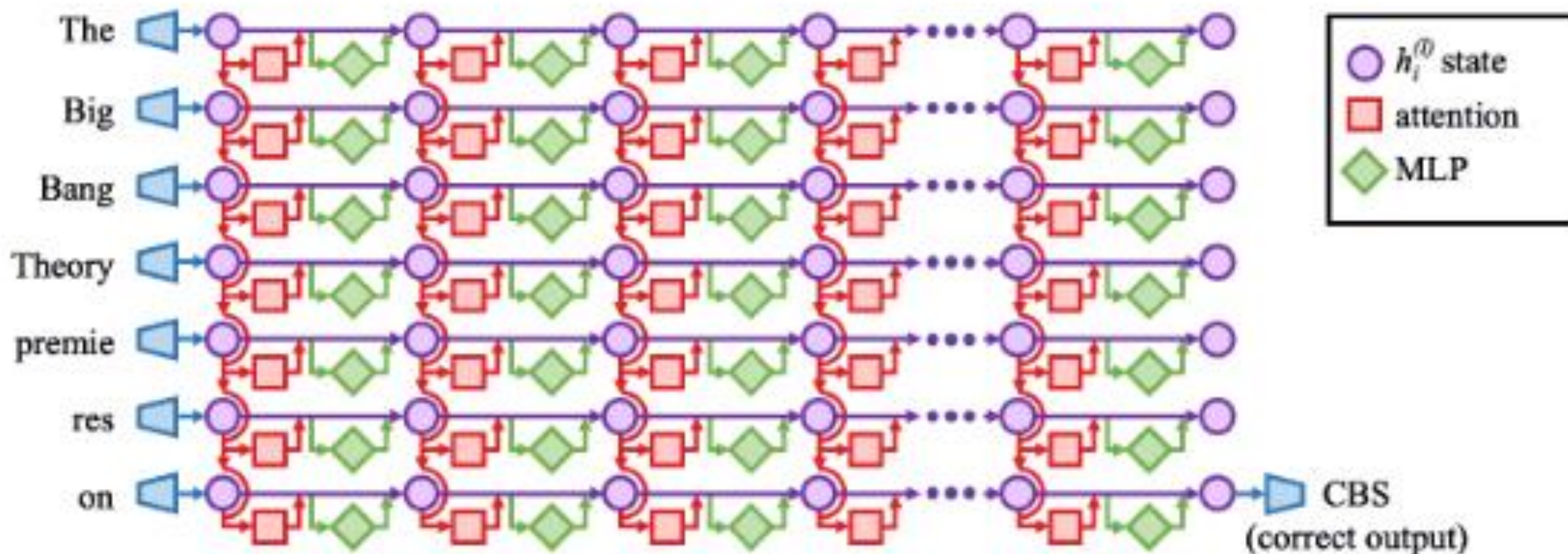
Decoder, Adding Hidden States



Decoder, Adding Attention Paths



ROME Transformer



“Locating and Editing Factual Associations in GPT,” Meng et al., <https://arxiv.org/abs/2202.05262>, <https://rome.baulab.info/>