

The road to AGI

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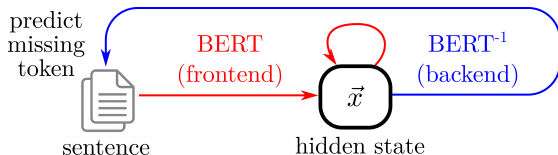
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BERT

- BERT induce representation (universality) :



representation

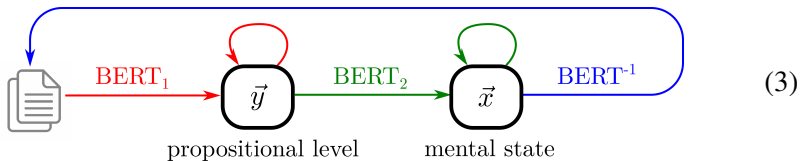
- This implies that human-level AI can be *induced* from existing corpora,
- Such corpora can include items such as images, movies with dialogues / subtitles
- BERT

BERT AGI

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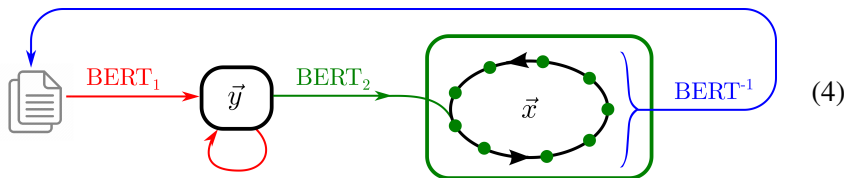
$$\dots \wedge \dots \quad (2)$$

- BERT



- $2 \vec{x}$. permutation invariance.

- Word2Vec Word2Vec Sentence2Vec (**concatenation**) sentence
- $\mathbb{P}^{2^{\mathbb{P}}}$
- \vec{x} = working memory $10^4 \sim 10^5 \sim 10^6 \sim 10^7 \sim 10^8 \sim 10^9 \sim 10^{10}$
- \vec{x} •



- BERT

“Attention is all you need”

- Seq2seq architecture BERT self-attention
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