

Transformer Models of Language and Logic

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Large language models such as OpenAI's GPT series have revolutionized computational linguistics and opened a new era for applications of artificial intelligence. In this talk, the speaker will review the underlying transformer model architecture and survey some of the most important developments. He will then describe work in progress on the ability of transformer models to verify and automatically generate proofs in propositional logic.

References: Douglas, Large Language Models, to appear on arXiv before the workshop.