先端科学技術研究科　修士論文要旨

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要旨			

Recent years, Large Language Models (LLMs) exhibit unprecedented natural language understanding capabilities. This rapid development of LLMs enable us to achieve more and more practical issues in real society.

In this paper, we explore the information extraction tasks using LLMs and solve two different issues often appearing in real society, namely, (1) Document Question Answering (DocQA) task especially when both visual and textual information needed to be referenced, and (2) graph generation task for visualization of legal relationships when given legal judgment cases and their backgrounds.

In both of these tasks, models are using extracted information of given text, analyzing meaning of input text, and output expected answer.