SCHOOL OF COMPUTATION, INFORMATION AND TECHNOLOGY — INFORMATICS

TECHNISCHE UNIVERSITÄT MÜNCHEN

Bachelor's Thesis in Informatics

An Approach to Coreference Resolution and Formula Grounding for Mathematical Identifiers using Large Language Models

Aamin Dev

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Ein Ansatz zur Auflösung von Koreferenzen und zur Ermittlung von Formeln für mathematische Symbole mit Hilfe von Large Language Models

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I confirm that this bachelor's thesis is my own work and I have documented all sources and material used.

Garching bei. München, 2023-09-15 Aamin Dev

Acknowledgments

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1 Introduction

1.1 Section

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[Asa+20] T. Asakura, A. Greiner-Petter, A. Aizawa, and Y. Miyao. "Towards grounding of formulae." In: *Proceedings of the First Workshop on Scholarly Document Processing*. 2020, pp. 138–147.