

ABSTRACT OF MASTER THESIS

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Since Richard Montague developed his theory: Montague Grammar, in Richard Montague's "A proper treatment of quantification in ordinary english", logicians and linguists began to notice the idea that describes natural language in formal logic. However, in the early 80s, several dynamic semantic approaches came up to cope with Montague Grammar's inability in discourse processing. Those dynamic approaches, although are able to explain some linguistic phenomena to some extent, have their own disadvantages compared with traditional Montague Semantics. There is a recent work "Towards a montagovian account of dynamics" by Philippe de Groote, trying to express the dynamics of discourse in a Montagovian style. In this thesis, various accessibility constraints in dynamics will be investigated and solutions for handling each constraint under the new framework is respectively proposed.

Key words:

Compositionality, Montague Grammar, Discourse Representation Theory, Accessibility Constraint, Anaphora Resolution, Dynamics, ACG