

Parima Rucksapoldej 2011: Analysis of Problem in Using Conjunction Devices to Recognize Discourse Relations. Master of Arts (Applied Linguistics), Major Field: Applied Linguistics, Department of Linguistics. Thesis Advisor: Associate Professor Kitima Indrambarya, Ph.D. 125 pages.

The main objective of this study is to analyze the problems in Thai discourse relations recognition by conjunction devices for Natural language Processing (NLP). This study analyses conjunction device in discourse using Linguistics methods and theories. This analysis applied the conjunctions devices proposed by Wipah Channawangsa (1986).

The result of this study revealed that 40.73 percent of sentences using conjunction devices for cohesion in discourse level. The most used conjunction devices founded is Additive relation device and the second most used device is Enumerative relation device. Conjunction devices not founded in this study are Concessive relation device, Relation of purpose device and Conditional relation device. The results of this study indicate the following problems for Natural Language Processing (NLP) 1) Lexical ambiguity in relation recognition and 2) Double conjunctions.

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Thesis Advisor's signature