

國立政治大學語言學研究所碩士論文

National Chengchi University
Graduate Institute of Linguistics
Master Thesis

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以優選理論分析美濃客語陰平變調

Yinping Tone Sandhi in Meinong Hakka: An OT Analysis

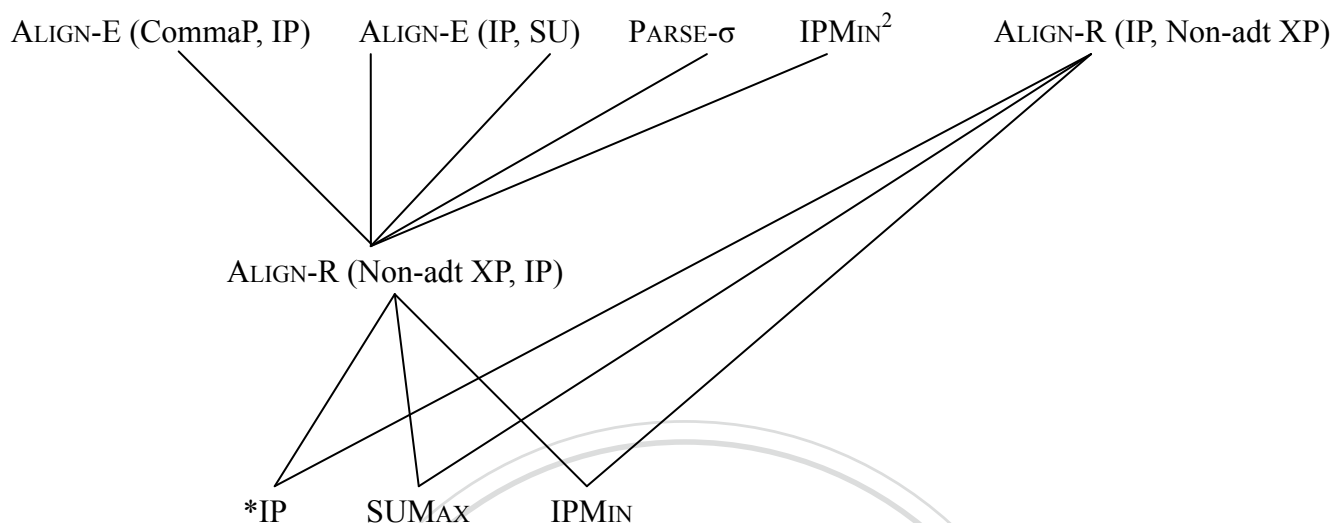
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(3) Ranking of prosodic constraints in Meinong Hakka: Cophonology B



The tonal domains of ordinary speech and special constructions are well delimited by means of the interactions among these prosodic constraints. Cophonology A in (2), ranking *IP above ALIGN-R (Non-adt XP, IP), is responsible for accounting for the delimitation of the domain of undergoing tone sandhi. Cophonology B in (3), ranking ALIGN-R (Non-adt XP, IP) above *IP, provides an explanation of the demarcation of the domain of retaining the base tone. In virtue of the re-ranking of *IP and ALIGN-R (Non-adt XP, IP), the demarcation of the tonal domain of an alternative reading is obtained.

To conclude, the separation of the constraints, that is, the prosodic and tonal constraints, supports that an intermediate level, prosodic structure, exists between syntax and phonology.

5.2 Further Issues

With respect to Yinping tone sandhi, there is still room for further research. According to Hsu (1996), Yinping tone sandhi in Miaoli Sixian Hakka is founded on the foot and intonational phrase. She concludes that the intonational phrase is the

primary domain for Yinping tone sandhi. As a branch of Sixian Hakka, the tonal domain in Meinong Hakka is also sensitive to the intonational phrase. In further research, OT can be employed to analyze the two sub-dialects and inspect whether the constraints accounting for tone sandhi in Meinong Hakka are capable of analyzing tone sandhi in Miaoli Hakka. Moreover, idiomatic phrases regarding Yinping tone sandhi in Meinong Hakka may be collected. These metrical readings may shed some further light on the processing of Yinping tone sandhi in Meinong Hakka.



Bibliography

English References

- Anttila, Arto. 1997. Deriving Variation from Grammar. In Frans Hinskens, Roeland Van Hout & W. Leo Wetzels (eds.). *Variation, change and phonological theory* (pp. 35-68). Amsterdam: John Benjamins.
- Carnie, Andrew. 2002. *Syntax: A Generative Introduction*. Oxford: Blackwell Publishing.
- Chang, Tsai-fang. 2002. *An Optimality Theory Approach to Hai-lu Hakka Phonology: Tone Sandhi, Glide Formation, and Syllable Contraction*. MA Thesis, National Chengchi University.
- Chao, Yuenren. 1930. A System of Tone Letters. *Le maitre phonetique* 45:24–27.
- Chiu, Yun-yi. 2006. *Tone Sandhi in Dongshi Hakka*. MA Thesis. National Chengchi University.
- Chomsky, Noam. 1986. *Barrier*. Cambridge: MIT Press.
- Chung, Raung-fu. 1989. *Aspects of Kejia Phonology*. Ph.D. Dissertation, University of Illinois at Urbana-Champaign.
- Clements, George N. 1978. Tone and Syntax in Ewe. In Napoli, Donna Jo (ed.) *Elements of Tone, Stress and Intonation*. 21-99. Washington, D.C.. Georgetown University Press.
- Hsiao, Yuchau E. 1991. *Syntax, Rhythm, and Tone: A Triangular Relationship*. Taipei: Crane Publishing Co.
- Hsiao, Yuchau E. 2006. *An Optimality Theory Approach to Tone Sandhi in Dapu*

Hakka. Project Report for National Science Council (NSC-94-2411-H-004-032).

Hsiao, Yuchau E. 2008. Yinping Tone Sandhi in Two Hakka Dialects. In Yuchau E.

Hsiao, Hui-chuan Hsu, Lian-Hee Wee, & Dah-an Ho (eds.). *Interfaces in Chinese Phonology: Festschrift in Honor of Matthew Y. Chen on His 70th Birthday* (pp.70-97). Taipei: Institute of Linguistics, Academia Sinica.

Hsiao, Yuchau E. 2009. *Serial Tone Changes in Adjective Triplication: Evidence from Taiwanese and Hakka*. Paper presented at the 2nd Theoretical Phonology Conference. National Chengchi University.

Hsiao, Yuchau E. & Chiu, Yun-yi. 2006. Trisyllabic and Tetrasyllabic Tone Sandhi in Dongshi Hakka. *Language and Linguistics* 7.2:455-482.

Hsu, Kui-ping. 1996. *Hakka Tone Sandhi: The Interface between Syntax and Phonology*. MA Thesis, National Tsinghua University.

Hsu, Kui-ping & Hsiao, Yuchau E. 1994. *Hakka Yinping Tone Sandhi From a Syntactic Perspective*. Paper for the Third International Symposium on Chinese Phonology and the Twelfth Annual Conference of the Association of Chinese Phonology. Hsinchu: National Tsing Hua University.

Huang, Yao-huang. 2003. *An Acoustic Study on the Hakka Tones*. MA Thesis, National Kaohsiung Normal University.

Hung, Tony T. N. 1987. *Syntactic and Semantic Aspects of Chinese Tone Sandhi*. Ph.D. Dissertation, University of California at San Diego.

Inkelas, Sharon & Cheryl Zoll. 2007. Is grammar dependence real? A comparison between cophonological and indexed constraint approaches to morphologically conditioned phonology. *Linguistics* 45(1): 133-171.

- Kager, René. 1999. *Optimality Theory*. Cambridge: Cambridge University Press.
- Kaisse, Ellen. 1985. *Connected Speech : The Interaction of Syntax and Phonology*. London: Academic Press.
- Lin, Hui-shan. 2001. Constraint Reranking and Mandarin Tone Sandhi. *Proceedings of the 7th International and 19th National Conferences on Chinese Phonology*: 424-441. National Chengchi University, Taipei, Taiwan.
- Lin, Hui-shan. 2004. *Directionality in Tone Sandhi and the Effect of Identity Preservation*. Ph.D. Dissertation, National Tsing Hua University.
- Lin, Hui-shan. 2005. Prosodic correspondence in Tone Sandhi. *UST Working Papers in Linguistics* 1:229-265.
- Lin, Hui-shan. 2011. Sequential and Tonal Markedness in Dongshi Hakka Tone Sandhi. *Language and Linguistics* 12.2:313-357.
- McCarthy, John J. 2008. *Doing Optimality Theory: Applying Theory to Data*. Oxford: Blackwell Publishing.
- McCarthy, John J. & Alan Prince. 1993. Generalized Alignment. In G. Booij and J. Van Marle (eds.). *Yearbook of Morphology* (pp.79-153). Dordrecht: Kluwer.
- Nespor, Marina., & Irene, Vogel. 1986. *Prosodic Phonology*. Dordrecht: Foris Publications.
- Orgun, Cemil Orhan. 1996. *Sign-based Morphology and Phonology: With Special Attention to Optimality Theory*. Ph. D. Dissertation, University of California Berkeley.
- Prince, Alan & Paul Smolensky. 1993/2004. *Optimality Theory: Constraint*

Interaction in Generative Grammar. Unpublished ms. Rutgers University & University of Colorado, Boulder. Published 2004, Malden, MA & Oxford: Blackwell Publishing.

Selkirk, Elizabeth. 1986. On Derived Domain in Sentence Phonology. *Phonology Yearbook* 3:371-405.

Selkirk, Elizabeth. 2005. Comments on Intonational Phrasing in English. In Sónia Frota, Marina Vigário, & Maria João Freitas, (eds.). *Prosodies: With Special Reference to Iberian Languages* (pp. 11-58). Berlin: Mouton de Gruyter.

Shih, Chilin. 1986. *The Prosodic Domain of Tone Sandhi in Chinese*. Ph.D. Dissertation, University of California.

Chinese References

張屏生。2007。台灣地區漢語方言的語音和詞彙。台南市:開朗雜誌。

蕭宇超。2000。台灣閩南語之優選變調。漢學研究第18卷特刊。頁25-40。

鍾榮富。2001。福爾摩沙的烙印---台灣客家話導論。台北市:文建會。