THE CREAKY VOICE AND ITS TONAL DESCRIPTION METHOD
-- BASED ON THE FIELD WORK ON DILU DIALECT IN MENGSHAN

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ABSTRACT

The Dilu dialect (spoken in Mengshan, Guangxi) shows, disparity in the categorization of phonation types in phonetic and phonological analyses. While the phonological analysis proposes that Dilu operates with two phonation types, i.e. creaky and modal, phonetic facts show a three-way distinction, i.e. creaky, male modal and female modal. In this paper acoustic features are investigated for modal and creaky voices in Dilu.[1] In particular, the parameters of Open Quotient (OQ) and Speed Quotient (SQ) are examined. We discuss whether it is necessary and possible for female and male modal voices to collapse into one category to serve the purpose of phonological transcription. Finally, based on an independent five-level tone scale, we propose a tone transcription system for languages that have various phonation types.

擠喉音的發聲模式和標調方法
——來自蒙山底路話的调查分析結果

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提要

從語音學角度看，蒙山底路話中存在三個嗓音類型：擠喉嗓音，男性正常嗓音和女性正常嗓音，從音位學角度來看，只存在擠喉嗓音和正常嗓音的對立。根據蒙山底路話聲調系統的這一特性，在本文中我們分析了蒙山底路話聲調系統中擠喉嗓音的聲學特徵，根據開商和速度商參數，討論了蒙山底路話擠喉嗓音的發聲模式；還討論了在音位處理過程中，男女正常嗓音轉換的可能性和必要性；提出了在多聲域語言中根據不同發聲類型用不同的五度標尺的標調框架。

主題詞

蒙山底路話 **擠**喉嗓音 **開**商 **速**度商

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