



## 语音和语言技术中心2000年~2001年论文列表

1. Zhang Xinyan, Wang Fan, Zheng Fang, Xu Mingxing, and Wu Wenhui, "Sub-band information based robust speech feature extraction framework," National Conference on Man-Machine Speech Communications (NCMMSC6), pp. 35-38, 20-22 Nov 2001, Shenzhen (in Chinese) (2nd Prize of NCMMSC Young Excellent Paper Award)
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3. Fan Wang, Fang Zheng, and Wenhui Wu, "An MCE based Classification Tree Using Hierarchical Feature-Weighting in Speech Recognition," EuroSpeech, 3:1947-1950, Sept. 3-7, 2001, Aalborg, Denmark
4. Fang Zheng and Guoliang Zhang. "Integrating the energy information into MFCC," International Conference on Spoken Language Processing (ICSLP' 00), pp. I-389~292, Oct. 16-20, Beijing
5. Jiyong Zhang, Fang Zheng, Jing Li, Chunhua Luo, and Guoliang Zhang, "Improved Context-Dependent Acoustic Modeling for Continuous Chinese Speech Recognition," EuroSpeech, 3:1617-1620, Sept. 3-7, 2001, Aalborg, Denmark
6. Chunhua Luo, Fang Zheng, and Mingxing Xu. "An equivalent-class based MMI learning method for MGCPM," International Conference on Spoken Language Processing (ICSLP' 00), pp. IV-141~144, Oct. 16-20, Beijing
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8. Fang Zheng, Zhanjiang Song, Pascale Fung, and William Byrne, "Mandarin Pronunciation Variation Modeling," National Conference on Man-Machine Speech Communications (NCMMSC6), pp.K51-64, 20-22 Nov 2001, Shenzhen (Invited Keynote Speech)
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11. Wu Genqing, Zheng Fang, Jin Ling, and Wu Wenhui, "An online incremental language model adaptation method," National Conference on Man-Machine Speech Communications (NCMMSC6), pp.51-54, 20-22 Nov 2001, Shenzhen (in Chinese) (3rd Prize of NCMMSC Young Excellent Paper Award)
12. Jin Ling, Wu Wenhui, Zheng Fang, and Wu Genqing, "Application of a Distance-weighted Statistical Language Model," J. of Chinese Information Processing, 15(6): 47-52, November, 2001 (in Chinese)
13. Genqing Wu, Fang Zheng, Ling Jin, and Wenhui Wu, "An Online Incremental Language Model Adaptation Method," EuroSpeech, 3:2139-2142, Sept. 3-7, 2001, Aalborg, Denmark
14. Fang Zheng, Jian Wu and Wenhui Wu. "Input Chinese sentences using digits," International Conference on Spoken Language Processing (ICSLP' 00), pp. III-127~130, Oct. 16-20, Beijing
15. Jian Wu and Fang Zheng. "On enhancing Katz-smoothing based back-off language model," International Conference on Spoken Language Processing (ICSLP' 00), pp. I-198~201, Oct. 16-20, Beijing
16. Jing Li, Fang Zheng, Jiyong Zhang, Mingxing Xu, and Wenhui Wu, "The Definition and Extension of the Question Set for Decision Tree Based State Tying in Chinese Speech Recognition," International Conference on Chinese Computing, pp. 106-110, Nov. 27-29, 2001, Singapore
17. Li Jing, Xu Mingxing, Zhang Jiyong, Zheng Fang, Wu Wenhui, and Fang Ditang, "Comparison on acoustic modeling unit in continuous Chinese speech recognition: syllable, phoneme and initial/final," National Conference on Man-Machine Speech Communications (NCMMSC6), pp.267-271, 20-22 Nov 2001, Shenzhen (in Chinese)
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19. Luo, Chunhua, Zhang Jiyong, Zheng Fang, and Xu Mingxing, "An HTK based word graph search algorithm," National Conference on Man-Machine Speech Communications (NCMMSC6), pp.



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  21. Jian Wu and Fang Zheng. "Reducing time-synchronous beam search effort using stage based look-ahead and language model rank based pruning," International Conference on Spoken Language Processing (ICSLP' 00), pp. IV-262~265, Oct. 16-20, Beijing
  22. Li Fang, Wu Wenhui, Zheng Fang, Huang Yinfei, and Su Yi, "Design of dynamic query organization and response generation in spoken dialogue system," National Conference on Man-Machine Speech Communications (NCMMSC6), pp. 135-138, 20-22 Nov 2001, Shenzhen (in Chinese)
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  30. YAN Pengju, ZHENG Fang, "Word-class stochastic model and knowledge representation in a spoken language dialogue system," Journal of Tsinghua University, 41(1): 69-72, Jan. 2001
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  39. 方棣棠, 李树青. 汉语语音输入的研究现状与发展前景. 中国深圳: 第六届全国人机语音通讯学术会议论文集, 2001. 219—222页。
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