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訊號處理

## 教師研究成果資料明細



### 研討會論文

1. 陸清達(Ching-Ta Lu)\*、王小川(Hsiao-Chuan Wang)、陸清達(Ching-Ta Lu) 2005.11.20~2005.11.22

C/V segmentation on mandarin speech signal via additional noise cascaded with Fourier-based speech enhancement system  
International Symposium on Communications

2. 陸清達(Ching-Ta Lu)\*、王小川(Hsiao-Chuan Wang)、陸清達(Ching-Ta Lu) 2005.11.20~2005.11.22

An optimal smoothing factor for reducing musical residual noise in speech enhancement  
International Symposium on Communications

3. 陸清達(Ching-Ta Lu)\*、陸清達(Ching-Ta Lu) 2007.11.23~2007.11.24

Speech Enhancement using homogeneous-frame-merged approach in wavelet domain  
National Symposium on Telecommunications

4. 陸清達(Ching-Ta Lu)\*、曾昆福(Kun-Fu Tseng)、陸清達(Ching-Ta Lu) 2008.03.30~2008.04.4

Noise reduction using simultaneous masking property and SNR variation for various noise corruptions  
IEEE International Conference on Acoustics, Speech, and Signal Processing

5. 劉利誠(Lih-Cherng Liu)\*、陸清達(Ching-Ta Lu)、劉利誠(Lih-Cherng Liu) 2008.07.12~2007.07.15

On the effectiveness of speech enhancement to a proposed speech recognition process that applied to noisy isolated-word recognition  
IEEE International Conference on Machine Learning and Cybernetics

6. 陸清達(Ching-Ta Lu)\*、王小川(Hsiao-Chuan Wang)、陸清達(Ching-Ta Lu) 2002.08.23~2002.08.24

Speech enhancement using wavelet transform with constrained thresholds  
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7. 陸清達(Ching-Ta Lu)\*、王小川(Hsiao-Chuan Wang)、王小川(Hsiao-Chuan Wang) 2002.09.16~2002.09.20

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8. 陸清達(Ching-Ta Lu)\*、王小川(Hsiao-Chuan Wang)、王小川(Hsiao-

Chuan Wang) 2003.09.1 ~2003.09.4

Speech enhancement using weighting function based on the variance of wavelet coefficients

European Conference on Speech Communication and Technology

9. 陸清達(Ching-Ta Lu)\*、王小川(Hsiao-Chuan Wang)、王小川(Hsiao-Chuan Wang) 2004.05.17~2004.05.21

Speech enhancement using robust weighting factors for critical-band-wavelet-packet transform

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10. 陸清達(Ching-Ta Lu)、曾崑福(Kun-Fu Tseng)、劉利誠(Lih-Cherng Liu)、陸清達(Ching-Ta Lu) 2009.03.16~2009.03.18

Reduction of musical residual noise using spectral bin motion and homogeneous spectral bins merged approach

IASTED Advances on Computer Science and Engineering (ACSE)

11. 陸清達(Ching-Ta Lu)\*、曾崑福(Kun-Fu Tseng)、陳志宗(Chih-Tsung Chen)、陸清達(Ching-Ta Lu) 2010.03.19~2010.03.21

Speech enhancement using perceptual-decision- directed approach

IEEE International Conference on Telecom Technology and Applications (ICTTA)

12. 王俊評(Jyun-Ping Wang)、陸清達(Ching-Ta Lu)、王俊評(Jyun-Ping Wang) 2010.06.4 ~2010.06.4

使用不同長度零值嵌入法之語音增強技術

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13. 陸清達(Ching-Ta Lu)、曾崑福(Kun-Fu Tseng)、陳志宗(Chih-Tsung Chen)、王俊評(Jyun-Ping Wang)、陸清達(Ching-Ta Lu)

2009.12.11~2009.12.12

Reduction of residual noise for speech enhancement using iterative perceptual gain factor

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14. 陸清達(Ching-Ta Lu) 2008.05.27~2008.05.30

Noise reduction using thresholding-based algorithm and homogeneous-frame-merged approach for wavelet-packet transform

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15. 陸清達(Ching-Ta Lu)、王俊評(Jyun-Ping Wang)、陸清達(Ching-Ta Lu) 2010.05.6 ~2010.05.6

使用零值音框嵌入法之語音增強技術

智慧型系統工程應用研討會

16. 陸清達(Ching-Ta Lu)、陸清達(Ching-Ta Lu) 2010.12.3 ~2010.12.4

Speech enhancement using three-step-decision gain factor

2010 National Symposium on Telecommunications (NST)

17. 陸清達(Ching-Ta Lu)、陸清達(Ching-Ta Lu)、洪國樑(Kuo-Liang Hong) 2011.04.22~2011.04.23

藉由疊代權重知覺因子於語音增強之研究

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18. 陸清達(Ching-Ta Lu)、陸清達(Ching-Ta Lu)、巫明諺(Ming-Yen Wu) 2011.04.22~2011.04.23

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**19.**陸清達(Ching-Ta Lu)、陸清達(Ching-Ta Lu) 2011.06.17~2011.06.18  
使用最佳方向之開關權重中值濾波於脈衝影像雜訊移除之研究  
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**20.**陸清達(Ching-Ta Lu)、陸清達(Ching-Ta Lu) 2011.06.10~2011.06.12  
Reduction of residual noise using directional median filter  
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Engineering (CSAE)

**21.**陸清達(Ching-Ta Lu)、陸清達(Ching-Ta Lu) 2011.11.18~2011.11.19  
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filter  
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**22.**陸清達(Ching-Ta Lu)、陸清達(Ching-Ta Lu) 2011.11.18~2011.11.19  
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**23.**陸清達(Ching-Ta Lu)、陸清達(Ching-Ta Lu) 2012.05.26~2012.05.29  
Reduction of musical residual noise using hybrid median filter  
2012 IEEE Spring World Congress on Engineering and Technology (SCET)